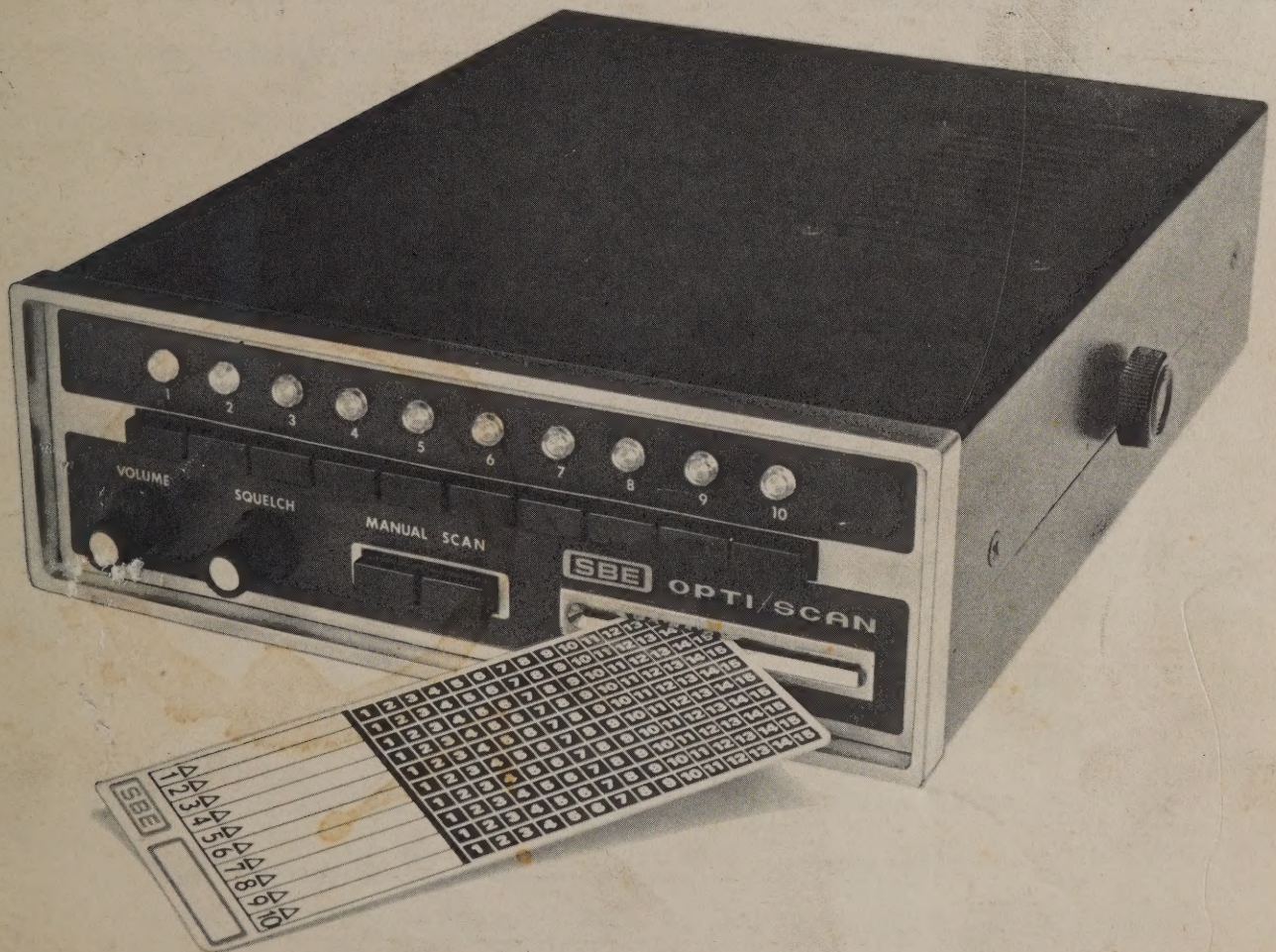


SBE

®

Opti/Scan

(MODEL SBE-12SM)



DIGITAL MONITOR RECEIVER

WARRANTY

Linear Systems, Inc., warrants equipment manufactured by it to be free from defects in material or workmanship and agrees to repair such equipment which under normal use and service, develops defects arising from the fault of the manufacturer. Equipment must be returned, transportation prepaid, within 90 days from the date of original purchase, and unless the warranty card has been filled in and returned within 10 days of original purchase, the warranty shall be void.

This warranty does not apply to equipment which (1) has been repaired or altered by anyone in any way so as, in our judgement, to injure its stability or reliability, (2) has been subject to misuse, negligence, or accident, (3) has had the serial number altered, defaced or removed, or (4) has been connected, installed or adjusted other than in accordance with our written instructions.

The foregoing is in lieu of any other warranty or liability expressed, implied, or statutory and in no event shall Linear Systems, Inc., be liable for special or consequential damages. Linear Systems, Inc., neither assumes nor authorizes any person to assume for it any other obligation or liability in connection with this equipment.

LINEAR SYSTEMS, INC.
220 Airport Boulevard
Watsonville, California 95076
(408) 722-4177

We recommend that at the time that your Optiscan is purchased that the following information be recorded so that should your unit become damaged or lost, the information may be supplied to your insurance company and/or the local police department.

1. Model Number _____
2. Serial Number _____
3. Date Purchased _____
4. Dealers Name _____
5. City _____
6. State _____

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* Optional frequency coverage. Only available in units special ordered from the factory.

1.0 GENERAL DESCRIPTION

Your purchase of the SBE Optiscan Digital Scanner introduces you to a revolutionary new concept in the scanner field. By properly programming the Optiscan card, you will be able to program your unit for reception of any of the 20,000 frequencies listed in the frequency charts without having to purchase a single crystal.

The advantages of crystal-less operation for your scanner are numerous: If you move, you simply program a new Optiscan card for the frequencies in your new location; if you wish, you may purchase additional Optiscan cards thereby having available any number of frequencies with which you may program your scanner; if frequencies in your area change or new frequencies are added, you simply program a new Optiscan card. You can then reprogram your Optiscan instantly simply by changing cards...something easily done even while driving at night. The instant reprogramming of your scanner is an overwhelming advantage available with no other type of programable scanner.

The "heart" of your new SBE Optiscan Digital Scanner is the programable card and card reader. Since this is a new and revolutionary design concept, it is very important that you thoroughly read this instruction manual, particularly the sections dealing with programming of the Optiscan card, before you attempt operation of your unit.

2.0 SPECIFICATIONS

Frequency Range:	LF....30-50 MHz VHF...150-170 MHz UHF...450-470 MHz 490-510 MHz 140-160 MHz * 470-490 MHz * 492-512 MHz *
Maximum Usable Channel Separation:	LF....20 MHz VHF...20 MHz UHF...20 MHz
Sensitivity:	0.5 uv for 12db SINAD
Squelch Sensitivity:	0.3 uv
Adjacent Channel Selectivity:	-50db @ 25 KHz
Modulation Acceptance:	<u>+7</u> KHz
Audio Output:	3.0 watts into 4 ohms with less than 10% distortion.
Power Requirements:	117 VAC, 50/60 Hertz 13.8 Volts DC positive** or negative ground.
Power Consumption:	15 watts @ 117 VAC (full Audio) 0.8 ma @ 13.8 Volts DC (squelched)
Weight:	7½ pounds, 3.4 Kilograms
Dimensions:	7-3/4"W, 2-3/4"H, 10"D 196.8mm W, 69.8mm H, 254mm D
Accessories Supplied:	Mounting bracket, AC power cord, DC power cord, instruction manual, VHF high/low antenna and UHF antenna

* Special frequency coverage Optiscans available from the factory on special order.

** For installation in positive ground systems, the positive ground adapter kit must be used.

3.0 INSTALLATION

3.1 Mobile

In planning the installation of your SBE Optiscan Digital Scanner a location should be chosen which will provide easy access to the controls of the unit. Also, routing of the power and antenna cables should be taken into consideration. Avoid installing the Optiscan in the direct air stream of the vehicle's heater. Temperatures in this area measure up to 150°F and may cause component failure.

The Optiscan is supplied with a universal mounting bracket. We recommend that the unit be mounted in a horizontal plane, such as, underneath an automobile dashboard or truck roof.

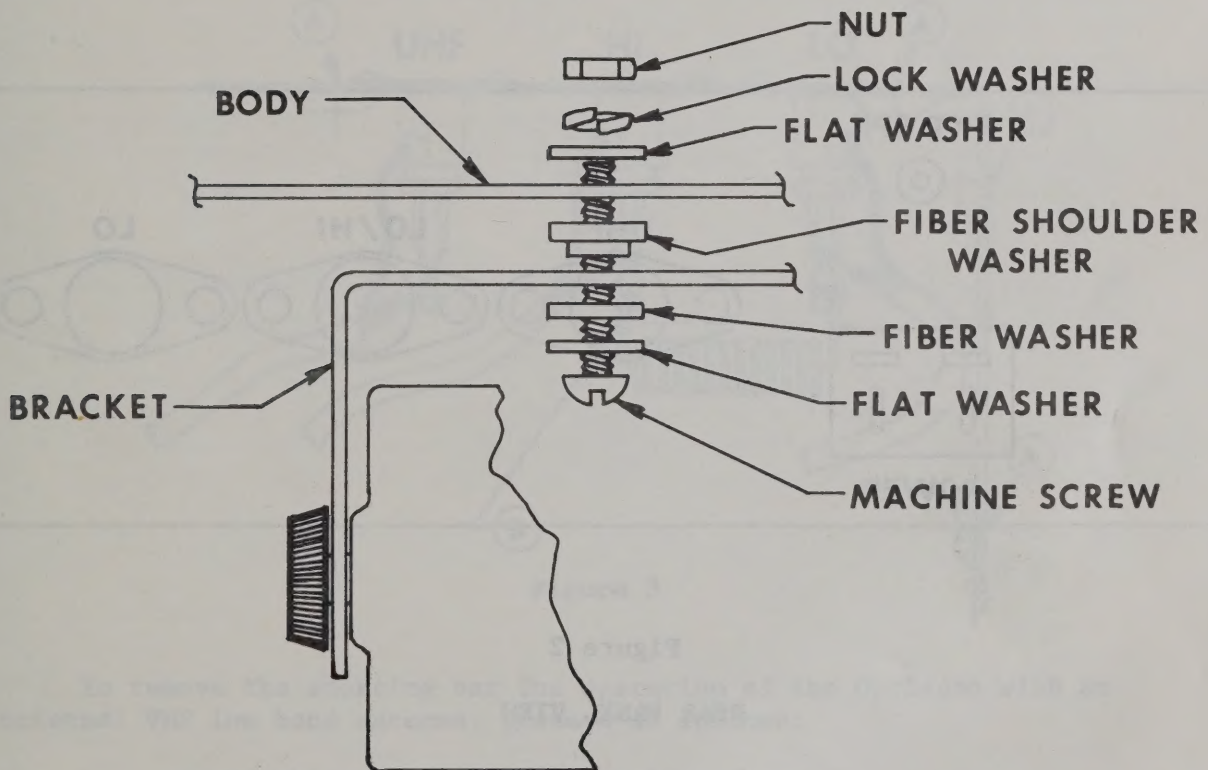


Figure 1

TYPICAL MOUNTING CONFIGURATION

3.2 Electrical Connections

The SBE Optiscan is designed for installation in **NEGATIVE** ground electrical systems. However, the Optiscan may be installed in a **POSITIVE** ground system by ordering the special positive ground adapter kit from the Factory Parts Department.

When installing the Optiscan in either a positive or negative ground electrical system, DC power should be derived directly from the vehicle's battery in order to minimize voltage losses and ignition interference. In either case, connect the red wire from the power cord to the positive (+) battery terminal, black wire to the negative (-) battery terminal. If the Optiscan's power lead must be lengthened, use #14 or larger wire.

3.3 Mobile Antennas

Any of the common 52 ohm VHF or UHF mobile monitor antennas should give excellent results with this unit. The dealer from which you purchased your Optiscan can advise you of the best antenna/mounting configuration for a particular installation.

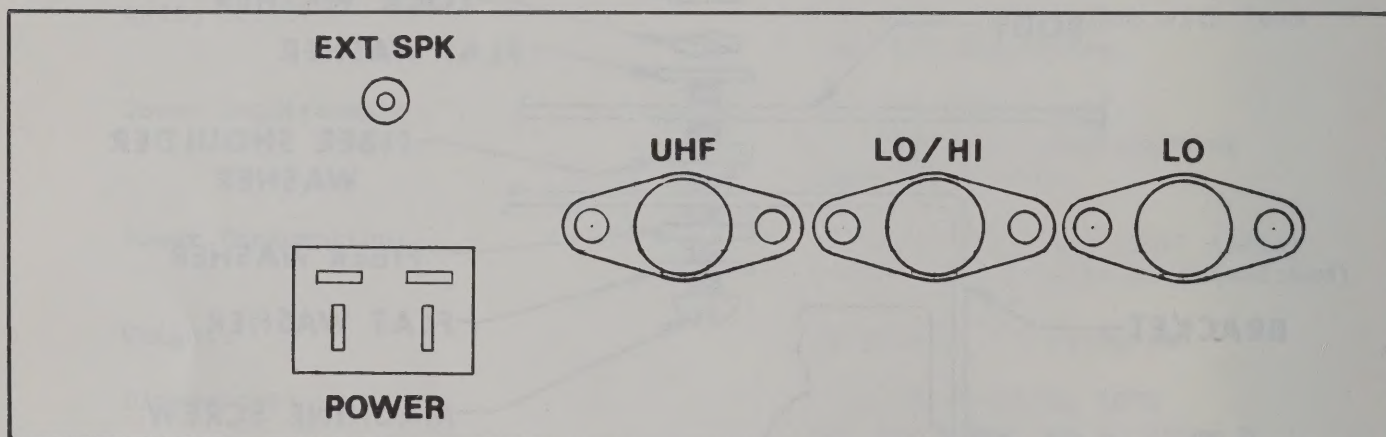


Figure 2

REAR PANEL VIEW

3.4 Base

For base operation of your Optiscan, simply connect the AC power cord to the rear panel and plug the AC cable into any 117 VAC, 50/60 Hertz receptacle. The Optiscan requires very little ventilation, however, it is good practice to avoid excessively warm locations such as near radiators or heating vents.

3.5 Base Antennas

For areas with moderate signal strengths the VHF high/low, and UHF antennas provided with the Optiscan should prove adequate.

In areas where the signal strength is marginal, it may be necessary to use a better antenna system for good signal reception. Any of the commonly available monitor antennas, such as a ground plane type, mounted as high above the ground as practical, will greatly increase performance of the unit.

If an external VHF low band antenna is used with the Optiscan, then the shorting bar connected between the VHF high and VHF low antenna connectors should be removed. Simply remove the cabinet from the Optiscan and referring to figure 3, remove the shorting bar from the circuit. If an external antenna is to be used with the Optiscan, make certain that the interconnecting cable between the antenna and Optiscan is either RG58/U or RG8/U coaxial cable. A Motorola type antenna connector (Cinch Jones #13B or H.H. Smith #1200) will have to be installed on the receiver end of the cable in order to utilize the antenna connector located on the rear panel of the unit.

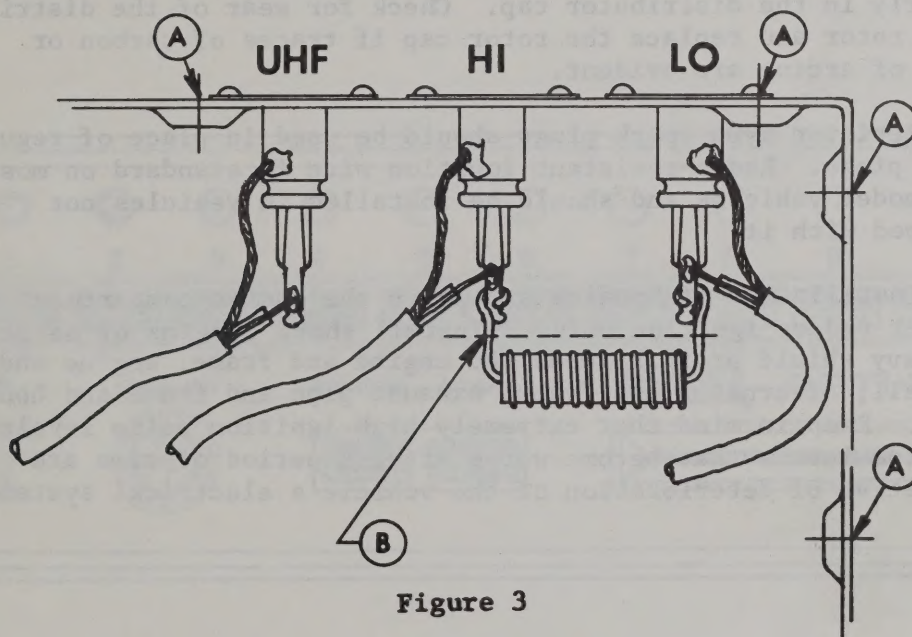


Figure 3

To remove the shorting bar for operation of the Optiscan with an external VHF low band antenna, proceed as follows:

Remove the cabinet from the Optiscan.

Turn the Optiscan upside-down and remove the 4 screws denoted by the symbol A on figure 3. Once the 4 screws are removed, carefully remove the printed circuit board. This will expose the antenna connectors.

Cut both ends of the shorting bar denoted by the symbol B in figure 3.

Reassemble the Optiscan by reversing the above procedure.

3.6 External Speaker

The external speaker jack on the rear panel of the Optiscan may be used to connect a remote speaker. The external speaker should have a 4 or 8 ohm impedance and be able to handle at least 3 watts of audio. When the external speaker is connected, the Optiscan's internal speaker will be disabled. A suitable accessory external speaker is SBE's model SBE-1SP or SBE-1SP/AMP Amplified Speaker.

3.7 Noise Suppression

The ability of the Optiscan to detect very weak signals will be enhanced if the electrical noise generated by the vehicle is minimized.

The following steps are recommended if excessive electrical noise is present:

Before installing suppression devices, check the condition of the vehicle's ignition wiring. Insure that the spark plug connections are clean and tight and that the wires are seated properly in the distributor cap. Check for wear of the distributor rotor and replace the rotor cap if traces of carbon or signs of arcing are evident.

Resistor type spark plugs should be used in place of regular spark plugs. Radio-resistant ignition wire is standard on most late model vehicles and should be installed in vehicles not equipped with it.

Installation of bonding straps in the engine compartment will further reduce ignition noise. Install short lengths of metal strap or heavy shield braid between the engine and frame, engine and firewall, alternator and frame, exhaust pipe and frame and hood to frame. Keep in mind that extremely high ignition noise levels or noise levels that become worse after a period of time are indicative of deterioration of the vehicle's electrical system.

4.0 OPERATION

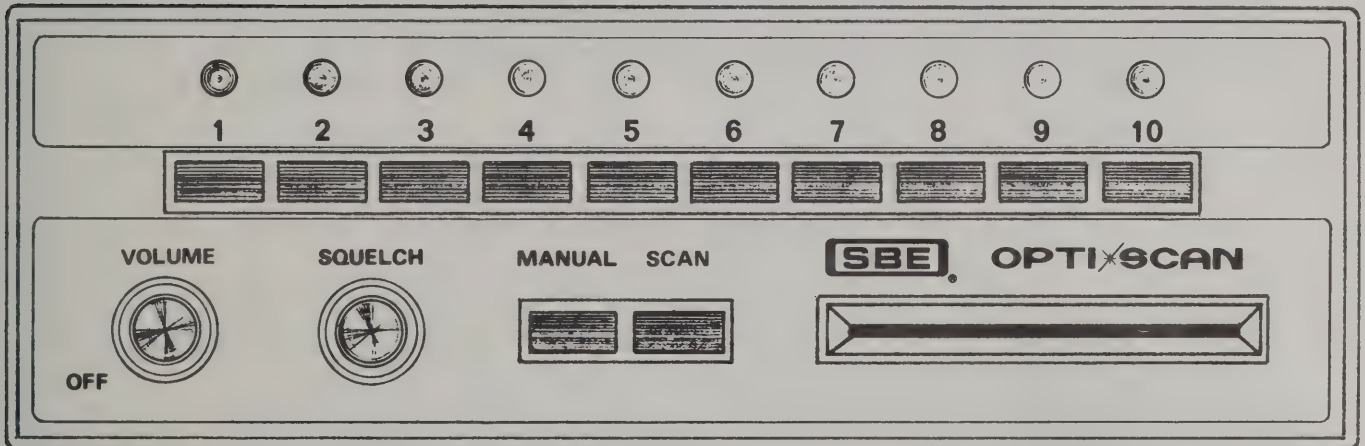
4.1 Controls

4.1.1 ON/OFF-Volume

Turn clockwise to apply power to the unit and to set the desired listening level.

4.1.2 Squelch

Blanks out unwanted noise when no signals are present. Turn fully counterclockwise and then slowly clockwise until receiver noise disappears. Any signal to be received must now be slightly stronger than the received noise. Further clockwise rotation will increase the threshold level that the signal must overcome in order to be heard. NOTE: The squelch must be set in order for the SBE Optiscan to "Scan" automatically.



4.1.3 Scan Mode

The Scan feature is operative only when the squelch control is set clockwise. When the Scan switch is depressed, the receiver will automatically scan all 10 channels and lock on any active channel.

4.1.4 Manual Mode

A channel may be selected manually by placing the "Scan" switch to the out position and by depressing the "Manual" switch until the desired channel lights.

4.1.5 Channel Lock-Out

The channel lock-out or bypass switches allow the operator to bypass or lock-out any of the 10 channels. By placing the lock-out switch in the out position, the Scanner automatically bypasses that channel.

4.1.6 Card Reader

A properly programmed Optiscan card must be inserted in the Card Reader in order for the Optiscan to properly function. If an Optiscan card is not installed in the Card Reader the unit will function normally without damage to itself, however, no conversations will be monitored

5.0 TO OPERATE

In order to place the SBE Optiscan in operation, the following sequence of events should be followed:

- 5.1 Insure that a properly programmed Optiscan card has been inserted in the card reader.
- 5.2 Rotate the squelch control to it's maximum counterclockwise position.
- 5.3 Rotate the ON/OFF-Volume control clockwise to apply power to the unit and to set the desired listening level.
- 5.4 Insure that the channel lock-out or bypass switches are placed in their appropriate positions.
- 5.5 Depress the scan switch for automatic channel scanning. Once the scan switch is depressed, rotate the squelch control slowly clockwise until receiver noise disappears. Once the squelch control is properly set, the Optiscan will commence scanning those channels which have not been locked-out or bypassed.
- 5.6 For manual mode of operation, place the scan mode switch in the out position and depress the manual switch until your desired channel lights.

6.0 OPTISCAN CARD PROGRAMMING

As mentioned before, the Optiscan card reader and programable card are the "heart" of your new SBE Optical/Digital Scanner. It is very important that you read fully this section of your instruction manual before attempting to program your Optiscan card. If your Optiscan card is not properly programmed, the SBE Optiscan will not function properly.

The following text and illustrations provide a step-by-step procedure which should be followed to program your Optiscan card. Additional work sheets (as mentioned in step 2) are provided in the rear of your instruction manual to be used when programming your Optiscan card.

Let us suppose that you have picked a frequency of 34.445 MHz which you wish to program into the Optiscan card before channel 3. Proceed as follows:

1. Turn to the frequency chart located in the rear of your instruction manual and locate 34.445 MHz in the FREQUENCY column of the frequency chart.
2. Place a straight edge under the frequency of 34.445 MHz. In the next column, listed AB (BINARY) will be located a 15 digit number consisting of zeros and ones. Using the work sheet provided, transpose the zeros and ones, in proper sequence, to the work sheet (refer to figure A).

FIG. A

AB (BINARY)															
FREQUENCY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
34.445	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1

SBE																	
	3 ▸	34.445	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

FIG. B



JAMES A. RHODES
GOVERNOR

Theme Chosen

DEPARTMENT, GTSC WORK TOWARD SUCCESSFUL OCT. 13 CONFERENCE

Major efforts of the Department over past weeks have centered on preparations for the Annual Conference of the Governor's Traffic Safety Committee (GTSC) scheduled Oct. 13 at Rhodes Center, the Ohio State Fairgrounds.

Conference theme is "The Fourth E", an extension of the generally known Three E's, of safety - Education, Engineering and Enforcement. The Fourth E will be revealed and discussed at the conference following individual discussions of the Three E's.

The day-long conference will begin with registration at 8 a.m. and continue through the afternoon. Program features will include a series of speakers, an exhibit area, a discussion between a highway patrolman and a trucker and a question & answer session.

Presentation of safety awards will highlight the luncheon program.

Two major department award presentations will include the Urie C. Felty Award, highest honor of the Ohio Department of Highway Safety, and plaques and checks to Ohio's three top law enforcement officers of 1975.

The Felty Award was established in 1973 in memory of Ohio's first highway safety director, Urie C. Felty. It is presented annually to individuals or organizations who have done an outstanding job of promoting highway safety. Nominations for the award are made by Highway Patrol field posts and ODHS field representatives, in consultation with safety leaders throughout the state.

Enforcement awards are funded by the Ohio Petroleum Council for scholarships for one officer each from the Ohio Highway Patrol, a municipal police department and a county sheriff's department.

Besides a plaque presented by Highway Safety Director Donald D. Cook, the three officers will receive checks for \$500 each from David Heyer, Executive Director of the Ohio Petroleum Council.

Winners of these awards are selected by the Highway Patrol Officers, the Ohio Association of Chiefs of Police and the Buckeye State Sheriff's Association. Nominations are submitted from departments throughout the state.

In addition to the Felty and enforcement awards, community awards in seven categories include: Local Organizations; Individual; Enforcement: Youth; Paid Staff Safety Council, and Statewide Organizations.

Based on a concept of getting people involved at local levels, the Governor's Traffic Safety Committee functions with the aid of the Ohio Department of Highway Safety. GTSC is a non-partisan, non-profit public service organization the objective of which is the prevention of traffic accidents in Ohio."

Director Cook said he believes the Department's goal of safe highways is dependent upon local level action.

"GTSC works to gain interest of individuals and groups who support our efforts," Cook explained. "By calling on individual resources and working together within the structure of the Governor's Traffic Safety Committee we can effect changes and improvements in traffic safety in Ohio.

GTSC membership is composed of top state-level officials who make up the Executive Committee. Citizen leaders head subcommittees in the fields of Education, Enforcement, Engineering, Legislation, Women, Youth, Senior Citizens, Inter-Faith and awards.

Director Cook is Executive Secretary of the Governor's Traffic Safety Committee. Chairman is Joseph A. Wolfe, a retired State Highway patrolman formerly stationed at General Headquarters in Columbus. Wolfe is presently Director of the Safety Council of the Columbus Area Chamber of Commerce.

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DONALD D. COOK
DIRECTOR

DIRECTOR COOK'S



The bustle and excitement of the Ohio State Fair, the flurry of children returning to classrooms and an extended Labor Day weekend are events associated with this time of year.

The activity associated with these events affects motorists, pedestrians, cyclists and all other users of Ohio streets and highways.

The mix of Fair traffic with the normal driving pattern of commuting workers and neighborhood residents can be frustrating. Traffic tie-ups are inevitable and motorists must use courtesy, care and concentration to avoid dangerous and costly mishaps.

Persons planning to attend the Fair should make certain their vehicles are in good running condition with all parts functioning properly. Lines of traffic into the fairgrounds usually are long and move slowly. Stalled or malfunctioning vehicles cause inconvenience for everyone.

Motorists must remember that many schools in Ohio open the latter part of August. School children and school buses again become a part of traffic.

Transportation safety for school children is given a high priority in Ohio. School buses are inspected by the State Highway Patrol for compliance with laws and regulations, and bus drivers must pass a medical examination.

State law requires motorists to stop not less than 10 feet from any school bus stopped on a two-lane highway. This allows children to get on and off the bus safely.

Everyone is urged to use the Three C's of driving over the Labor Day weekend. The Three C's are Care, Courtesy and Concentration. The Labor Day week-

HIGHWAY PATROL NEWS

By Jan Greene

UPDATE ACE ROSTERS

Heading into the final four months of 1976, the Blue Max vehicle theft enforcement program has accelerated its pace. It is anticipated the division will break all former records in terms of total ACE's and proficiency point winners.

The most recent ACE Award winners include the following troopers:

Tpr. Scott E. Greenfield, Castalia, 7/10/76;

Tpr. Ronald L. Hoeft, Castalia, 7/18/76;

Tpr. Wayne M. Isaacs, Hamilton, 8/5/76;

Tpr. Charles F. Franz, Lebanon, 8/12/76;

Tpr. John F. Thor, Sandusky, 8/17/76.

Awarded Certificates of Proficiency for auto larceny investigation were:

Tpr. Robert L. Van der Wissel, Xenia, 8/15/76;

Tpr. Gabriel G. Ferencz, Elyria, 8/17/76.

RETIREMENTS

Included in the Patrol's most recent list are:

Lt. Kenneth A. Dukes, Medina Post, 7/7/76;

Sgt. Richard F. McCartney, Van Wert Post, 7/17/76;

Sgt. Willard D. Benson, GHQ Investigation, 7/17/76;

Sgt. James L. Hutson, GHQ Investigation, 8/14/76;

Tpr. John C. Pachuta, Cambridge Post, 8/11/76;

Capt. James J. Fullenkamp, GHQ Communications and Records, 8/19/76.

SYMPATHY

Sympathy is extended to the family and friends of Sgt. Edward G. Moore, a member of the GHQ Aviation Section, who was killed in a plane crash July 23.

Sympathy also is extended to the family and friends of Motor Vehicle Inspector Donald E. Fry of the Piqua GHQ who passed away August 4.

end begins at 6 p.m. Friday Sept. 3 and ends at midnight Monday, Sept. 6.

Twenty-seven persons were killed during the 1975 Labor Day weekend, with most of the fatal accidents occurring on secondary state highways. Four counties experienced double fatality crashes and Coshocton County was the scene of a triple crash.

Major causes of fatal accidents over last year's Labor Day weekend included excessive speed, driving left of center and failure to yield.

Use of the Three C's of Driving --- Care, Courtesy and Concentration -- can prevent those killer causes this year.

o o o o o o

SAFE-DRIVING does not come as standard equipment on an automobile, you must install it yourself.

ADMINISTRATION NEWS & NOTES

Marsha Moore observed eight years of state service Aug. 13. Marsha and husband, Larry, celebrated their second wedding anniversary August 30.

Mary Lawton observed her 10th anniversary with the Department Aug. 22. Mary is driving a new Vega, an early birthday present to herself.

Paula Harrington, former Department employee who left Auditing Section to finish school, graduated from Ohio State University with a B.S. degree in Home Economics. She specialized in textiles and clothing.

August birthday celebrants included Marge Bronsteter, Susie Stavreffe and Ann Dougherty of Auditing, and Kay Frohnauer of Personnel.

Deputy Director Dave Ewing and Mary Lawton both are anticipating birthdays the first week of September.

STATISTICS DIVISION

By Tammy Stein & Linda Ankrum

Ann Updyke and her husband celebrated their 30th wedding anniversary this month.

Tammy Stein and her husband observed their first wedding anniversary August 15.

Janet Snider recently attended an Elton John concert in Cleveland.

Carol Kidwell named her new puppy Taffy.

August Birthday wishes go to Lula Devroux.

New car owners include Rosemary Finckel, Ann Philpott, Ann Daugherty and Linda Ankrum.

BUREAU BRIEFS

CORRESPONDENCE CONTROL DIV.

By Mary L. Maynard

Donna and Jack Burns recently spent an enjoyable two weeks vacation in Denver, Colo., visiting Mr. and Mrs. F.L. Frank. "Torchy" sends his greetings to all friends at BMV and Highway Safety Department.

Mary Louise Maynard reported the birth of her first grandchild, a boy, named Roger Rush Maynard. The infant was born July 20. He weighed eight pounds, five ounces.

Eileen Vaughn recently spent a vacation on a fishing trip in Canada. She reportedly caught her first "sucker".

Clara Smith bought a new girl Chow named "Jaws" to mate with her male Chow named "Shark".

Patti Kluesener purchased a car for her birthday - Donna says "Watch-Out" all BMV employees.

Karen Joseph marked three years of BMV service August 20.

Birthday wishes go to Sherry Staley, Sue Gleich, Patti Kluesener and Eileen Vaughn.

Joyce and Fleet Pauley celebrated their silver wedding anniversary Aug. 11.

Harriet and John Barber celebrated their 32nd wedding anniversary Aug. 16.

Sue Bailey enjoyed a one-week vacation with her family in Dallas, Texas.

DRIVER LICENSE DIVISION

By Marguerite Lomb

Ruth Claypool retired July 1 after 21 years of state service. Friends and co-workers marked the occasion with a luncheon at Berwick Party House.

Betsy Myer's daughter, Ann, was an entrant in the Soap Box Derby in Akron after winning in Columbus. Betsy's prizes for the Columbus victory included a \$500 savings bond, a radio, tennis racket, shirt and hat.

Sympathy is extended to Lydia Bond and her family on the death of her husband's mother.

Get well wishes go to Mary Yates who is recovering from an illness of several weeks.

Get well wishes also go to Louise Wagner who is recuperating from a recent illness at the home of her daughter.

Linda Larkin resigned from the division to await the arrival of her baby.

Susan Grady and Barbara Radford are on maternity leave.

Mr. and Mrs. Mike Teeters purchased a new home. They plan to move over the Labor Day weekend.

Della Palma reported she traveled through Colorado just ahead of the recent flood there.

Gay Adams, her sister, daughter and granddaughter, traveled to Weirton, W. Va., to attend the wedding of Gay's nephew.

Clarrissia Harris went to New Haven, Conn., with her church group. The group stopped at Long Island Beach in New York for a picnic and "day of fun".

Mildred Burgess and her family vacationed in the Smokey Mountains, then took the Blue Ridge Parkway to Virginia Beach. The Burgess's young son created a bit of excitement when he chased a mother bear with two cubs with Mr. Burgess in hot pursuit of his son.

Linda Mercer, Sheri McDade and friends won tickets for attendance of an Elton John concert in Cleveland.

Lillian Rader and her daughter were recent winners of the Amazing Plastic Card giveaway sponsored by a local radio station.

August birthday greetings go to: Gaye Seymour, Bleaker Welch, Karla Thompson, Francis Fetingas, Faye Bundy, Dorothy Goggins, Sheri McDade, Linda Mercer, Mike Eckstein, Betty Jewell and Lillian Rader.

SAFETY RESPONSIBILITY DIVISION

By Sally Zimmer

Carol Diller celebrated seven years of state service with the Bureau in August.

Best wishes are extended to Joyce Goldberger on her wedding to Michael Weingard August 29. Joyce resigned from Soundex Section.

Marilyn Raynor recently was welcomed to Files Section.

Theresa Gerardi and her husband celebrated their third wedding anniversary August 17.

Get well wishes are extended to Virgil Alexander and Edythe Berry.

Jackie Moorehead's baby, was born August 10. The infant weighed nine pounds, two ounces at birth.

Karen Berry reported she is expecting her first baby in the Spring.

Congratulations go to Terri Wikoff and her bowling team on their recent championship. Terri also deserves special recognition for winning a trophy for "improved player" on her team.

Soundex Section held a picnic at Blacklick Woods.

Karen Melvin enjoyed a two-week vacation in Colorado.

Mary Albanese spent a recent weekend horseback riding and camping in Ky.

Louise Voltz flew to Chicago to attend her husband's graduation from Garrett Seminary.

Kay McKenna visited her family in South Carolina.

Mary Fuller traveled to Dallas, Tex., to visit her sister.

Sue Mitrione vacationed in Pompano Beach, Fla.

Other vacationers included Ellen Rinehart who traveled to Minnesota to visit an uncle; Janet Kusic, Betty Clark and Evelyn Axe who visited King's Island. Evelyn is scheduled to work at the Ohio State Fair.

Philip Locke vacationed in Cedar Point recently. The church group of which Philip is a member will sing at the Ohio State Fair.

Betty Roberts Johnson vacationed at home following foot surgery.

Mary MacFadyen is vacationing in California for three weeks.

August birthday wishes go to Marie Edwards, Mary MacFadyen, Joyce Gold-

Cont. page four

berg, Margie Wilson, Della Lewis, Toni Castle, Kay McKenna, Judy Ayala, Norma Helber, Sherry Dmitrenak and Margaret Wittenmeier.

TITLE DIVISION

By Judy Schwartz

Marguerite Snyder observed 21 years of service with the Bureau on August 21.

Gloria and Ted Price celebrated their third wedding anniversary August 3.

Marge and Sunny Highfield are the parents of a baby girl born July 29. They named her Christina Marie.

Richard Frankenberg, part-time employee at the Bureau for over two and a half years, transferred to the laboratories division of the Ohio Department of Health.

Sandy Moore and Karen Jones attended a recent Elvis Presley concert in Charleston, W. Va.

Cindy Crowley chose Walnut Acres, near Newark, O., for a vacation campsite.

Betty Snell and Roger Kenney traveled to Piketon, Ky., for a weekend vacation.

August birthday celebrants include Margaret Fleming, Sharon Wind, William Falls, Elizabeth Baker, Helen Leifheit, Kay Spradlin and Cheryl Stover.

NIGHT DRIVING CLAIMS ACCIDENT VICTIMS

Two-thirds of all fatal motor vehicle accidents happen at night, even though only one-third of all driving is done after dark.

Probably the greatest reason for this statistical twist is that drivers cannot see as well or as great a distance at night. Vision range at night is limited to about 300 feet ahead. Thus, driving even a few miles over the speed limit could lead to an accident because the driver did not see an object in time to avoid impact.

Some other reasons night driving can be hazardous are:

- * Distances are harder to judge;
- * Headlight glare from other cars can be temporarily blinding;
- * Pedestrians are harder to see;

These tips may help insure safer night driving:

- * Lower speed about 10 mph to assure vehicle is under control within driver's range of vision;

- * Never overdrive headlights;
- * Make sure all lights and signals operate and keep headlight lenses clean;
- * Dim dashboard lights at night;
- * Never drive with parking lights. The smaller size lights confuse approaching drivers as to the distance of vehicle;
- * Turn on lights at first hint of dusk to alert other drivers.

Extended driving at night may bring on highway hypnosis. To avoid this condition, keep eyes moving; check traffic in all directions and refrain from staring at any single object for prolonged periods of time.

Night drivers should keep headlights on low beam when driving directly behind another driver. Flick lights before passing to indicate the move.

Driving at night can be an enjoyable experience if drivers remember to use double the concentration and caution needed for a safe trip.

CORRESPONDENTS

COPY DEADLINE

THURS. SEPT. 9

SIX-MONTH REPORT SHOWS TRAFFIC FATALITIES UP

Ohio Department of Highway Safety statisticians reported to Director Donald D. Cook that 846 persons lost their lives on Ohio highways in the period Jan. 1 through June 30, 1976.

This number compares with 749 deaths in 1975 and 849 in 1974 over the same period.

"The highway safety picture in Ohio for the first six months of 1976 is dimmer than we would like," Director Cook commented.

He noted that in percentages, for the first six months of 1976, Ohio's deaths are up 13 percent when compared with 1975 and down .35 percent when compared with 1974.

"It must be remembered, however, that in 1975 Ohio had the best traffic safety year in its history when measured by the deaths per 100 million vehicle miles traveled figure," Director Cook said.

The highway safety chief pointed out the 2.8 deaths per 100 million vehicle miles traveled figure placed Ohio first

among states of comparable size and Number One in the Nation when such factors as vehicle registration and driver registration are taken into account.

"When I say that Ohio's highway safety picture is dimmer than we would like, it is true," Director Cook said, "but it is also true we are comparing Ohio's performance this year with a previous year which was the best in its history."

The 846 deaths occurred in 745 fatal accidents. Leading probable causes of accidents include: O.M.V.I. - - - 109; Pedestrians - - 99; Failure to Yield - - 99; Driving Left of Center - - 95; and Driver Inattention - - 88.

Of the fatal accidents, 671 were single fatalities; 59 were double fatalities; nine were triple fatalities; four were quadruple fatalities; one was a six fatality, and one was an eight fatality.

Deaths by day of week show Saturday as high death day with 155 recorded. Sunday and Friday were next high death days; each saw 139 persons killed.

Age group of persons killed showed 176 of the 846 decedents were in the 15 to 19 years of age category. Next highest age group of persons killed was the 20 to 24 year olds; 117 of the age group were killed. The third highest age group of persons killed was the 25 to 29 year old category; 77 persons in this age group were killed during the period.

"Despite the fact deaths have risen in the first six-months, I have not lost faith that Ohio can and will end 1976 with a performance comparable with that of 1975," Director Cook commented.

"We can still end the year with a highway safety performance comparable to a record breaking 1975," he concluded.

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3. Using an ink pen, the frequency of 34.445 MHz should be recorded on the channel 3 position of the Optiscan card. It is important that the frequency is recorded for each and every channel as the Optiscan card is programmed.

4. Place the Optiscan card in the position shown in figure B. Referring to the work sheet, note the numbers in the AB (BINARY) which have "zeros" directly below them. Using a felt tip pen, mark over the number of each square on the Optiscan card which has a zero under it (refer to figure C).

FREQUENCY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
34.445		0	0	0	0	1	1	1	1	1	1	1	0	1	1	1

SBE																
	34.445					5	6	7	8	9	10	11		13	14	15

FIG. C

5. All of the numbered squares on the Optiscan card which have been "blocked out" should correspond to the "zeros" in the program AB (BINARY) code sequence. Those numbers which have been "blocked out" must now be removed by peeling the adhesive number from the Optiscan card. This can be done in various ways; one method is to bend the card back as illustrated in figure D, and then remove the numbers which have been "blocked out". You may find that a pocket knife, tweezers or some other similar pointed tool will be helpful in removal of the numbers. It should be done so that the clear rectangular window area underneath the number which has been "blocked out" is completely revealed without disturbing any of the other numbers.

BEND CARD BACK TO WIDEN
SCORE LINES BETWEEN NUMBERS.
PEEL DESIRED NUMBER OFF WITH
THUMBNAIL.

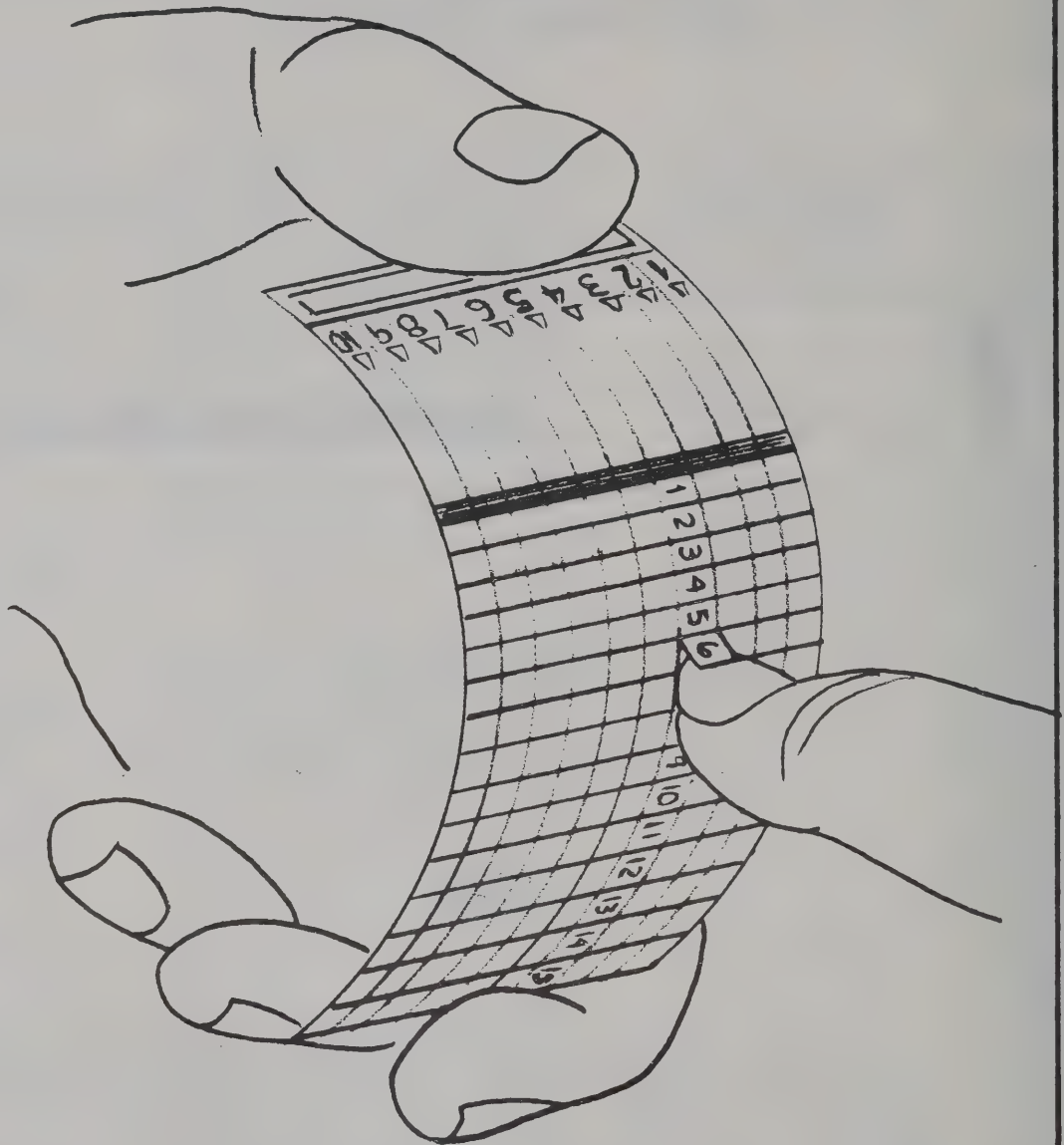


FIG. D

6. The card should now appear as shown in figure E and is now ready for insertion into the Optiscan card reader. Once the card is placed in the card reader, any conversations occurring on a frequency of 34.445 MHz will be monitored in the channel 3 position of the Optiscan.

SBE																	
	34.445					5	6	7	8	9	10	11		13	14	15	

FIG. E

7. The above procedure should be followed for programming any additional channels for the Optiscan.

8. Should you find that you need additional Optiscan cards, we recommend that you contact your local SBE dealer or write directly to the Factory Replacement Parts Department in Watsonville, California.

7.0 SERVICE MAINTENANCE

Should your Optiscan Scanner fail to perform as stated in this manual, it is recommended that SBE be contacted in writing. Due to the complex nature of the Optiscan, SBE will authorize return of your unit to the factory for repair. Do not ship equipment without prior written authorization from SBE. Your letter to SBE must include the following particulars:

1. Model number and serial number of equipment.
2. Date of purchase of equipment.
3. Nature of trouble.
4. Cause of trouble if known.
5. Name of distributor from whom the equipment was purchased.
6. Your return address.
7. Method of shipment by which the equipment should be returned.

In addition, include any information that you feel will be helpful in locating or correcting the problem.

8.0 PARTS ORDERING INFORMATION

When ordering replacement parts, you should direct your order to a SBE distributor or SBE Replacement Parts Department, 220 Airport Boulevard, Watsonville, California 95076. Please furnish the following information:

1. Quantity required.
2. SBE part number and description.
3. Item or symbol number obtained from parts list, schematic, or component location drawing.
4. SBE model number and serial number.

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
35.310	11101011010111	35.900	10011000010111	36.490	10001101010111
35.315	01101011010111	35.905	00011000010111	36.495	00000110101011
35.320	10101011010111	35.910	11101000010111	36.500	10011010101011
35.325	00101011010111	35.915	01101000010111	36.505	00011010101011
35.330	11001011010111	35.920	10101000010111	36.510	11101010101011
35.335	01001011010111	35.925	00101000010111	36.515	01101010101011
35.340	10001011010111	35.930	11001000010111	36.520	10101010101011
35.345	00001011010111	35.935	01001000010111	36.525	00101010101011
35.350	10010011010111	35.940	10001000010111	36.530	11001010101011
35.355	00010011010111	35.945	00001000010111	36.535	01001010101011
35.360	11100011010111	35.950	10010000010111	36.540	10001010101011
35.365	01100011010111	35.955	00010000010111	36.545	00001010101011
35.370	10100011010111	35.960	11100000010111	36.550	10010010101011
35.375	00100011010111	35.965	01100000010111	36.555	00010010101011
35.380	11000011010111	35.970	10100000010111	36.560	11100010101011
35.385	01000011010111	35.975	00100000010111	36.565	01100010101011
35.390	10000011010111	35.980	11000000010111	36.570	10100010101011
35.395	00000011010111	35.985	01000000010111	36.575	00100010101011
35.400	10011101010111	35.990	10000000010111	36.580	11000010101011
35.405	00011101010111	35.995	00000000010111	36.585	01000010101011
35.410	11101101010111	36.000	10011111010111	36.590	10000010101011
35.415	01101101010111	36.005	00011111010111	36.595	00000010101011
35.420	10101101010111	36.010	11101111010111	36.600	10011100101011
35.425	00101101010111	36.015	01101111010111	36.605	00011100101011
35.430	11001101010111	36.020	10101111010111	36.610	11101100101011
35.435	01001101010111	36.025	00101111010111	36.615	01101100101011
35.440	10001101010111	36.030	11001111010111	36.620	10101100101011
35.445	00001101010111	36.035	01001111010111	36.625	00101100101011
35.450	10010101010111	36.040	10001111010111	36.630	11001100101011
35.455	00010101010111	36.045	00001111010111	36.635	01001100101011
35.460	11100101010111	36.050	10010111010111	36.640	10001100101011
35.465	01100101010111	36.055	00010111010111	36.645	00001100101011
35.470	10100101010111	36.060	11100111010111	36.650	10010100101011
35.475	00100101010111	36.065	01100111010111	36.655	00010100101011
35.480	11000101010111	36.070	10100111010111	36.660	11100100101011
35.485	01000101010111	36.075	00100111010111	36.665	01100100101011
35.490	10000101010111	36.080	11000111010111	36.670	10100100101011
35.495	00000101010111	36.085	01000111010111	36.675	00100100101011
35.500	10011001010111	36.090	10000111010111	36.680	11000100101011
35.505	00011001010111	36.095	00000111010111	36.685	01000100101011
35.510	11101001010111	36.100	10011011010111	36.690	10000100101011
35.515	01101001010111	36.105	00011011010111	36.695	00000100101011
35.520	10101001010111	36.110	11101011010111	36.700	10011000101011

FREQUENCY	AB(BINARY)	FREQUENCY	AB(BINARY)	FREQUENCY	AB(BINARY)
37.080	11000100010111	37.670	101001111100111	38.260	111001001100111
37.085	01000100100111	37.675	001001111100111	38.265	011001001100111
37.090	10000100100111	37.680	110001111100111	38.270	101001001100111
37.095	00000100100111	37.685	110001111100111	38.275	001001001100111
37.100	100110010010111	37.690	100001111100111	38.280	110001001100111
37.105	000110010010111	37.695	000001111100111	38.285	010001001100111
37.110	111010010010111	37.700	100110111100111	38.290	100001001100111
37.115	011010010010111	37.705	000110111100111	38.295	000001001100111
37.120	101010010010111	37.710	111010111100111	38.300	100110001100111
37.125	001010010010111	37.715	011010111100111	38.305	000110001100111
37.130	110010010010111	37.720	101010111100111	38.310	111010001100111
37.135	010010010010111	37.725	001010111100111	38.315	011010001100111
37.140	100010010010111	37.730	110010111100111	38.320	101010001100111
37.145	000010010010111	37.735	010010111100111	38.325	001010001100111
37.150	100100010010111	37.740	100010111100111	38.330	110010001100111
37.155	000100010010111	37.745	000010111100111	38.335	010010001100111
37.160	111000010010111	37.750	100100111100111	38.340	100010001100111
37.165	011000010010111	37.755	000100111100111	38.345	000010001100111
37.170	101000010010111	37.760	111000111100111	38.350	100100001100111
37.175	001000010010111	37.765	011000111100111	38.355	000100001100111
37.180	110000010010111	37.770	101000111100111	38.360	111000001100111
37.185	010000010010111	37.775	001000111100111	38.365	011000001100111
37.190	100000010010111	37.780	110000111100111	38.370	101000001100111
37.195	000000010010111	37.785	010000111100111	38.375	001000001100111
37.200	100111100011011	37.790	100000111100111	38.380	110000001100111
37.205	000111100011011	37.795	000000111100111	38.385	010000001100111
37.210	111011100011011	37.800	100111101100111	38.390	100000001100111
37.215	011011100011011	37.805	000111101100111	38.395	000000001100111
37.220	101011100011011	37.810	111011101100111	38.400	100111101100111
37.225	001011100011011	37.815	011011101100111	38.405	000111101100111
37.230	110011100011011	37.820	101011101100111	38.410	111011101100111
37.235	010011100011011	37.825	001011101100111	38.415	011011101100111
37.240	100011100011011	37.830	110011101100111	38.420	101011101100111
37.245	000011100011011	37.835	010011101100111	38.425	001011101100111
37.250	100101100011011	37.840	100011101100111	38.430	110011101100111
37.255	000101100011011	37.845	000011101100111	38.435	010011101100111
37.260	111001100011011	37.850	100101101100111	38.440	100011101100111
37.265	011001100011011	37.855	000101101100111	38.445	000011101100111
37.270	101001100011011	37.860	111001101100111	38.450	100101101100111
37.275	001001100011011	37.865	011001101100111	38.455	000101101100111
37.280	110001100011011	37.870	101001101100111	38.460	111001101100111
37.285	010001100011011	37.875	001001101100111	38.465	011001101100111
37.290	100001100011011	37.880	110001101100111	38.470	101001101100111
37.295	000001100011011	37.885	010001101100111	38.475	001001101100111
37.300	100110100011011	37.890	100001101100111	38.480	110001101100111
37.305	000110100011011	37.895	000001101100111	38.485	010001101100111
37.310	111010100011011	37.900	100110011001111	38.490	100001101100111
37.315	011010100011011	37.905	000110011001111	38.495	000001101100111
37.320	101010100011011	37.910	111010011001111	38.500	100110101100111
37.325	001010100011011	37.915	011010011001111	38.505	000110101100111
37.330	110010100011011	37.920	101010011001111	38.510	111010101100111
37.335	010010100011011	37.925	001010011001111	38.515	011010101100111
37.340	100010100011011	37.930	110010011001111	38.520	101010101100111
37.345	000010100011011	37.935	010010011001111	38.525	001010101100111
37.350	100100100011011	37.940	100010011001111	38.530	110010101100111
37.355	000100100011011	37.945	000010011001111	38.535	010010101100111
37.360	111000100011011	37.950	100100011001111	38.540	100010101100111
37.365	011000100011011	37.955	000100011001111	38.545	000010101100111
37.370	101000100011011	37.960	111000011001111	38.550	100100101100111
37.375	001000100011011	37.965	011000011001111	38.555	000100101100111
37.380	110000100011011	37.970	101000011001111	38.560	111000011001111
37.385	010000100011011	37.975	001000011001111	38.565	011000011001111
37.390	100000100011011	37.980	110000011001111	38.570	101000011001111
37.395	000000100011011	37.985	010000011001111	38.575	001000011001111
37.400	100111000011011	37.990	100000011001111	38.580	110000011001111
37.405	000111000011011	37.995	000000011001111	38.585	010000011001111
37.410	111011000011011	38.000	100111101100111	38.590	100000011001111
37.415	011011000011011	38.005	000111101100111	38.595	000000011001111
37.420	101011000011011	38.010	111011101100111	38.600	100111101100111
37.425	001011000011011	38.015	011011101100111	38.605	000111101100111
37.430	110011000011011	38.020	101011101100111	38.610	111011101100111
37.435	010011000011011	38.025	001011101100111	38.615	011011101100111
37.440	100011000011011	38.030	110011101100111	38.620	101011101100111
37.445	000011000011011	38.035	010011101100111	38.625	001011101100111
37.450	100101000011011	38.040	100011101100111	38.630	110011101100111
37.455	000101000011011	38.045	000011101100111	38.635	010011101100111
37.460	111001000011011	38.050	100101101100111	38.640	100011101100111
37.465	011001000011011	38.055	000101101100111	38.645	000011101100111
37.470	101001000011011	38.060	111001101100111	38.650	100101101100111
37.475	001001000011011	38.065	011001101100111	38.655	000101101100111
37.480	110001000011011	38.070	101001101100111	38.660	111001101100111
37.485	010001000011011	38.075	001001101100111	38.665	011001101100111
37.490	100001000011011	38.080	110001101100111	38.670	101001101100111
37.495	000001000011011	38.085	010001101100111	38.675	001001101100111
37.500	100110000011011	38.090	100001101100111	38.680	110001101100111
37.505	000110000011011	38.095	000001101100111	38.685	010001101100111
37.510	111010000011011	38.100	100110101100111	38.690	100001101100111
37.515	011010000011011	38.105	000110101100111	38.695	000001101100111
37.520	101010000011011	38.110	111010101100111	38.700	100110011001111
37.525	001010000011011	38.115	011010101100111	38.705	000110011001111
37.530	110010000011011	38.120	101010101100111	38.710	1110011001111
37.535	010010000011011	38.125	001010101100111	38.715	0110011001111
37.540	100010000011011	38.130	110010101100111	38.720	1010011001111
37.545	000010000011011	38.135	010010101100111	38.725	0010011001111
37.550	100100000011011	38.140	100010101100111	38.730	110010011001111
37.555	000100000011011	38.145	000010101100111	38.735	010001001100111
37.560	111000000011011	38.150	100100101100111	38.740	100001001100111
37.565	011000000011011	38.155	000100101100111	38.745	000001001100111
37.570	101000000011011	38.160	111000101100111	38.750	100100011001111
37.575	001000000011011	38.165	011000101100111	38.755	000100011001111
37.580	110000000011011	38.170	101000101100111	38.760	111000011001111
37.585	010000000011011	38.175	001000101100111	38.765	011000011001111
37.590	100000000011011	38.180	110000101100111	38.770	101000011001111
37.595	000000000011011	38.185	010000101100111	38.775	001000011001111
37.600	100111111100111	38.190	100000101100111	38.780	110000011001111
37.605	000111111100111	38.195	000000101100111	38.785	010000011001111
37.610	111011111100111	38.200	100111001100111	38.790	100000011001111
37.615	011011111100111	38.205	000111001100111	38.795	000000011001111
37.620	101011111100111	38.210	111011001100111	38.800	1001111001111
37.625	001011111100111	38.215	011011001100111	38.805	0001111001111
37.630	110011111100111	38.220	101011001100111	38.810	1110111001111
37.635	010011111100111	38.225	001011001100111	38.815	0110111001111
37.640	100011111100111	38.230	110011001100111	38.820	1010111001111
37.645	000011111100111	38.235	010011001100111	38.825	0010111001111
37.650	100101111100111	38.240	100011001100111	38.830	1100111001111
37.655	000101111100111	38.245	000011001100111	38.835	0100111001111
37.660	111001111100111	38.250	100101001100111	38.840	1000111001111
37.665	011001111100111	38.255	000101001100111	38.845	0000111001111

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
38.850	100101100100111	39.440	100011011000111	40.030	110011110000111
38.855	000101100100111	39.445	000011011000111	40.035	010011110000111
38.860	111001100100111	39.450	100101100100111	40.040	100111110000111
38.865	011001100100111	39.455	000101011000111	40.045	000011110000111
38.870	101001100100111	39.460	111001100100111	40.050	100101110000111
38.875	001001100100111	39.465	011001011000111	40.055	000101110000111
38.880	110001100100111	39.470	101001011000111	40.060	111001110000111
38.885	010001100100111	39.475	001001011000111	40.065	011001110000111
38.890	100001100100111	39.480	110001100100111	40.070	101001110000111
38.895	000001100100111	39.485	010001100100111	40.075	001001110000111
38.900	100110100100111	39.490	100001100100111	40.080	110001110000111
38.905	000110100100111	39.495	000001100100111	40.085	010001110000111
38.910	111010100100111	39.500	100110011000111	40.090	100001110000111
38.915	011010100100111	39.505	000110011000111	40.095	000001110000111
38.920	101010100100111	39.510	111010011000111	40.100	100110110000111
38.925	001010100100111	39.515	011010011000111	40.105	000110110000111
38.930	110010100100111	39.520	101010011000111	40.110	111010110000111
38.935	010010100100111	39.525	001010011000111	40.115	011010110000111
38.940	100010100100111	39.530	110010011000111	40.120	101010110000111
38.945	000010100100111	39.535	010010011000111	40.125	001010110000111
38.950	100100100100111	39.540	100010011000111	40.130	110010110000111
38.955	000100100100111	39.545	000010011000111	40.135	010010110000111
38.960	111000100100111	39.550	100100011000111	40.140	100010110000111
38.965	011000100100111	39.555	000100011000111	40.145	000010110000111
38.970	101000100100111	39.560	111000011000111	40.150	100100110000111
38.975	001000100100111	39.565	011000011000111	40.155	000100110000111
38.980	110000100100111	39.570	101000011000111	40.160	111000110000111
38.985	010000100100111	39.575	001000011000111	40.165	011000110000111
38.990	100000100100111	39.580	110000011000111	40.170	101000110000111
38.995	000000100100111	39.585	010000011000111	40.175	001000110000111
39.000	100111000100111	39.590	100000011000111	40.180	110000110000111
39.005	000111000100111	39.595	000000011000111	40.185	010000110000111
39.010	111011000100111	39.600	10011101000111	40.190	100000110000111
39.015	011011000100111	39.605	00011101000111	40.195	000000110000111
39.020	101011000100111	39.610	11101101000111	40.200	10011101000111
39.025	001011000100111	39.615	01101101000111	40.205	00011101000111
39.030	110011000100111	39.620	10101101000111	40.210	11101101000111
39.035	010011000100111	39.625	00101101000111	40.215	01101101000111
39.040	100011000100111	39.630	11001101000111	40.220	10101101000111
39.045	000011000100111	39.635	01001101000111	40.225	00101101000111
39.050	100101000100111	39.640	10001101000111	40.230	11001101000111
39.055	000101000100111	39.645	00001101000111	40.235	01001

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
42.390	10000000011011	42.980	110000101011011	43.570	101000010011011
42.395	00000000011011	42.985	0100010101011	43.575	001000010011011
42.400	100111110101011	42.990	100000101011011	43.580	110000010011011
42.405	000111110101011	42.995	000000101011011	43.585	010000010011011
42.410	111011110101011	43.000	100111001011011	43.590	100000010011011
42.415	011011110101011	43.005	000111001011011	43.595	000000010011011
42.420	101011110101011	43.010	111011001011011	43.600	100111100011011
42.425	001011110101011	43.015	011011001011011	43.605	000111100011011
42.430	110011110101011	43.020	101011001011011	43.610	11011100011011
42.435	010011110101011	43.025	001011001011011	43.615	01101100011011
42.440	100011110101011	43.030	110011001011011	43.620	10101100011011
42.445	000011110101011	43.035	010011001011011	43.625	00101100011011
42.450	100101110101011	43.040	100011001011011	43.630	11001100011011
42.455	000101110101011	43.045	000011001011011	43.635	01001100011011
42.460	111001110101011	43.050	100101001011011	43.640	10001100011011
42.465	011001110101011	43.055	000101001011011	43.645	00001100011011
42.470	101001110101011	43.060	111001001011011	43.650	10010100011011
42.475	001001110101011	43.065	011001001011011	43.655	00010100011011
42.480	110001110101011	43.070	101001001011011	43.660	11100100011011
42.485	010001110101011	43.075	001001001011011	43.665	01100100011011
42.490	100001110101011	43.080	110001001011011	43.670	10100100011011
42.495	000001110101011	43.085	010001001011011	43.675	00100100011011
42.500	100110110101011	43.090	100001001011011	43.680	11000100011011
42.505	000110110101011	43.095	000001001011011	43.685	01000100011011
42.510	111010110101011	43.100	100110001011011	43.690	10000100011011
42.515	011010110101011	43.105	000110001011011	43.695	00000100011011
42.520	101010110101011	43.110	111010001011011	43.700	100110100011011
42.525	001010110101011	43.115	011010001011011	43.705	000110100011011
42.530	110010110101011	43.120	101010001011011	43.710	111010100011011
42.535	010010110101011	43.125	001010001011011	43.715	011010100011011
42.540	100010110101011	43.130	110010001011011	43.720	101010100011011
42.545	000010110101011	43.135	010010001011011	43.725	001010100011011
42.550	100100110101011	43.140	100010001011011	43.730	110010100011011
42.555	000100110101011	43.145	000010001011011	43.735	010010100011011
42.560	111000110101011	43.150	100100001011011	43.740	100010100011011
42.565	011000110101011	43.155	000100001011011	43.745	000010100011011
42.570	101000110101011	43.160	111000001011011	43.750	100100100011011
42.575	001000110101011	43.165	011000001011011	43.755	000100100011011
42.580	110000110101011	43.170	101000001011011	43.760	111000100011011
42.585	010000110101011	43.175	001000001011011	43.765	011000100011011
42.590	100000110101011	43.180	110000001011011	43.770	101000100011011
42.595	000000110101011	43.185	010000001011011	43.775	001000100011011
42.600	100110110101011	43.190	100000001011011	43.780	110000100011011
42.605	000110110101011	43.195	000000001011011	43.785	010000100011011
42.610	111010110101011	43.200	10011110011011	43.790	100000100011011
42.615	011010110101011	43.205	00011110011011	43.795	000000100011011
42.620	101010110101011	43.210	11101110011011	43.800	10011000011011
42.625	001010110101011	43.215	01101110011011	43.805	00011000011011
42.630	110010110101011	43.220	10101110011011	43.810	11101000011011
42.635	010010110101011	43.225	00101110011011	43.815	01101000011011
42.640	100010110101011	43.230	11001110011011	43.820	10101000011011
42.645	000010110101011	43.235	01001110011011	43.825	00010100011011
42.650	100101010101011	43.240	10001110011011	43.830	11001000011011
42.655	000101010101011	43.245	00001110011011	43.835	01001000011011
42.660	111001010101011	43.250	10010110011011	43.840	10001000011011
42.665	011001010101011	43.255	00010110011011	43.845	00001000011011
42.670	101001010101011	43.260	11100110011011	43.850	10010000011011
42.675	001001010101011	43.265	01100110011011	43.855	00010000011011
42.680	110001010101011	43.270	10100110011011	43.860	111001000011011
42.685	010001010101011	43.275	00100110011011	43.865	011001000011011
42.690	100001010101011	43.280	11000110011011	43.870	101001000011011
42.695	000001010101011	43.285	01000110011011	43.875	001001000011011
42.700	100110010101011	43.290	10000110011011	43.880	110001000011011
42.705	000110010101011	43.295	00000110011011	43.885	010001000011011
42.710	111010010101011	43.300	10011010011011	43.890	100001000011011
42.715	011010010101011	43.305	00011010011011	43.895	000001000011011
42.720	101010010101011	43.310	11101010011011	43.900	100110000011011
42.725	001010010101011	43.315	01101010011011	43.905	000110000011011
42.730	110010010101011	43.320	10101010011011	43.910	111010000011011
42.735	010010010101011	43.325	00101010011011	43.915	011010000011011
42.740	100010010101011	43.330	11001010011011	43.920	101010000011011
42.745	000010010101011	43.335	01001010011011	43.925	000100000011011
42.750	100100010101011	43.340	10001010011011	43.930	110010000011011
42.755	000100010101011	43.345	00001010011011	43.935	010010000011011
42.760	111000010101011	43.350	10010010011011	43.940	100010000011011
42.765	011000010101011	43.355	00010010011011	43.945	000010000011011
42.770	101000010101011	43.360	11100010011011	43.950	100100000011011
42.775	001000010101011	43.365	01100010011011	43.955	000100000011011
42.780	110000010101011	43.370	10100010011011	43.960	111000000011011
42.785	010000010101011	43.375	00100010011011	43.965	011000000011011
42.790	100000010101011	43.380	11000010011011	43.970	101000000011011
42.795	000000010101011	43.385	01000010011011	43.975	000100000011011
42.800	100111010101011	43.390	10000010011011	43.980	110000000011011
42.805	000111010101011	43.395	00000010011011	43.985	010000000011011
42.810	111011010101011	43.400	100111010101011	43.990	100000000011011
42.815	011011010101011	43.405	000111010101011	43.995	000000000011011
42.820	101011010101011	43.410	111011010101011	44.000	10011111101011
42.825	001011010101011	43.415	011011010101011	44.005	00011111101011
42.830	110011010101011	43.420	101011010101011	44.010	11101111101011
42.835	010011010101011	43.425	001011010101011	44.015	01101111101011
42.840	100011010101011	43.430	110011010101011	44.020	10101111101011
42.845	000011010101011	43.435	010011010101011	44.025	00011111101011
42.850	100101010101011	43.440	100011010101011	44.030	11001111101011
42.855	000101010101011	43.445	000011010101011	44.035	01001111101011
42.860	111001010101011	43.450	100101010101011	44.040	10001111101011
42.865	011001010101011	43.455	000101010101011	44.045	00001111101011
42.870	101001010101011	43.460	111001010101011	44.050	10010111101011
42.875	001001010101011	43.465	011001010101011	44.055	00010111101011
42.880	110001010101011	43.470	101001010101011	44.060	11100111101011
42.885	010001010101011	43.475	001001010101011	44.065	01100111101011
42.890	100001010101011	43.480	110001010101011	44.070	10100111101011
42.895	000001010101011	43.485	010001010101011	44.075	00010111101011
42.900	1001101010101011	43.490	100001010101011	44.080	11000111101011
42.905	0001101010101011	43.495	000001010101011	44.085	01000111101011
42.910	1110101010101011	43.500	100110010101011	44.090	10000111101011
42.915	0110101010101011	43.505	000110010101011	44.095	00000111101011
42.920	1010101010101011	43.510	1110101010101011	44.100	10011011101011
42.925	0010101010101011	43.515	0110101010101011	44.105	00011011101011
42.930	1100101010101011	43.520	1010101010101011	44.110	11101011101011
42.935	0100101010101011	43.525	0010101010101011	44.115	01101011101011
42.940	1000101010101011	43.530	1100101010101011	44.120	10101011101011
42.945	0000101010101011	43.535	0100101010101011	44.125	00010101101011
42.950	1001001010101011	43.540	1000101010101011	44.130	11001011101011
42.955	0001001010101011	43.545	0000101010101011	44.135	01001011101011
42.960	1110001010101011	43.550	1001001010101011	44.140	10001011101011
42.965	0110001010101011	43.555	0001001010101011	44.145	00001011101011
42.970	1010001010101011	43.560	1110001010101011	44.150	10010011101011
42.975	0010001010101011	43.565	0110001010101011	44.155	00010011101011

FREQUENCY	AB(BINARY)	FREQUENCY	AB(BINARY)	FREQUENCY	AB(BINARY)
44.160	11100011101011	44.750	100100001101011	45.340	100010100101011
44.165	01100011101011	44.755	000100001101011	45.345	000010100101011
44.170	10100011101011	44.760	111000001101011	45.350	100100100101011
44.175	00100011101011	44.765	011000001101011	45.355	000100100101011
44.180	11000011101011	44.770	101000001101011	45.360	111000100101011
44.185	01000011101011	44.775	001000001101011	45.365	01100100101011
44.190	10000011101011	44.780	100000001101011	45.370	101000100101011
44.195	00000011101011	44.785	010000001101011	45.375	001000100101011
44.200	10011011101011	44.790	100000001101011	45.380	110000100101011
44.205	00011011101011	44.795	000000001101011	45.385	010000100101011
44.210	11101101101011	44.800	10011110101011	45.390	100000100101011
44.215	01101101101011	44.805	00011110101011	45.395	000000100101011
44.220	10101101101011	44.810	11101110101011	45.400	10011000101011
44.225	00101101101011	44.815	01101110101011	45.405	00011000101011
44.230	11001101101011	44.820	10101110101011	45.410	111011000101011
44.235	01001101101011	44.825	00101110101011	45.415	011011000101011
44.240	10001101101011	44.830	11001110101011	45.420	101011000101011
44.245	00001101101011	44.835	01001110101011	45.425	001011000101011
44.250	10010101101011	44.840	10001110101011	45.430	110011000101011
44.255	00010101101011	44.845	00001110101011	45.435	010011000101011
44.260	11100101101011	44.850	10010110101011	45.440	100011000101011
44.265	01100101101011	44.855	00010110101011	45.445	000011000101011
44.270	10100101101011	44.860	11100110101011	45.450	100101000101011
44.275	00100101101011	44.865	01100110101011	45.455	000101000101011
44.280	11000101101011	44.870	10100110101011	45.460	111001000101011
44.285	01000101101011	44.875	00100110101011	45.465	011001000101011
44.290	10000101101011	44.880	10000110101011	45.470	101001000101011
44.295	00000101101011	44.885	01000110101011	45.475	001001000101011
44.300	10011001101011	44.890	10000110101011	45.480	110001000101011
44.305	00011001101011	44.895	00000110101011	45.485	010001000101011
44.310	11101001101011	44.900	10011010101011	45.490	100001000101011
44.315	01101001101011	44.905	00011010101011	45.495	000001000101011
44.320	10101001101011	44.910	11101010101011	45.500	100110000101011
44.325	00101001101011	44.915	01101010101011	45.505	000110000101011
44.330	11001001101011	44.920	10101010101011	45.510	111010000101011
44.335	01001001101011	44.925	00101010101011	45.515	011010000101011
44.340	10001001101011	44.930	11001010101011	45.520	101010000101011
44.345	00001001101011	44.935	01001010101011	45.525	001010000101011
44.350	10010001101011	44.940	10001010101011	45.530	110010000101011
44.355	00010001101011	44.945	00001010101011	45.535	010010000101011
44.360	11100001101011	44.950	10010010101011	45.540	100010000101011
44.365	01100001101011	44.955	00010010101011	45.545	000010000101011
44.370	10100001101011	44.960	11100010101011	45.550	100100000101011
44.375	00100001101011	44.965	01100010101011	45.555	000100000101011
44.380	11000001101011	44.970	10100010101011	45.560	111000000101011
44.385	01000001101011	44.975	00100010101011	45.565	011000000101011
44.390	10000001101011	44.980	10000010101011	45.570	101000000101011
44.395	00000001101011	44.985	01000010101011	45.575	001000000101011
44.400	100111010101011	44.990	10000010101011	45.580	110000000101011
44.405	000111010101011	44.995	00000010101011	45.585	010000000101011
44.410	111011010101011	45.000	100111010101011	45.590	100000000101011
44.415	011011010101011	45.005	000111010101011	45.595	000000000101011
44.420	101011010101011	45.010	111011010101011	45.600	10011111001011
44.425	001011010101011	45.015	011011010101011	45.605	00011111001011
44.430	110011010101011	45.020	101011010101011	45.610	11101111001011
44.435	010011010101011	45.025	001011010101011	45.615	01101111001011
44.440	100011010101011	45.030	110011010101011	45.620	10101111001011
44.445	000011010101011	45.035	010011010101011	45.625	00101111001011
44.450	100101010101011	45.040	100011010101011	45.630	11001111001011
44.455	000101010101011	45.045	000011010101011	45.635	01001111001011
44.460	111001010101011	45.050	100101010101011	45.640	10001111001011
44.465	011001010101011	45.055	000101010101011	45.645	00001111001011
44.470	101001010101011	45.060	111001010101011	45.650	10010111001011
44.475	001001010101011	45.065	011001010101011	45.655	00010111001011
44.480	110001010101011	45.070	101001010101011	45.660	11100111001011
44.485	010001010101011	45.075	001001010101011	45.665	01100111001011
44.490	100001010101011	45.080	110001010101011	45.670	10100111001011
44.495	000001010101011	45.085	010001010101011	45.675	00100111001011
44.500	10011010101011	45.090	100001010101011	45.680	11000111001011
44.505	00011010101011	45.095	000001010101011	45.685	01000111001011
44.510	11101010101011	45.100	100110010101011	45.690	10000111001011
44.515	01101010101011	45.105	000110010101011	45.695	00000111001011
44.520	10101010101011	45.110	11101010101011	45.700	10010111001011
44.525	00101010101011	45.115	01101010101011	45.705	00010111001011
44.530	11001010101011	45.120	10101010101011	45.710	11101011001011
44.535	01001010101011	45.125	00101010101011	45.715	01101011001011
44.540	10001010101011	45.130	11001010101011	45.720	10101011001011
44.545	00001010101011	45.135	01001010101011	45.725	00101011001011
44.550	10010010101011	45.140	10001010101011	45.730	11001011001011
44.555	00010010101011	45.145	00001010101011	45.735	01001011001011
44.560	11100010101011	45.150	100100010101011	45.740	10001011001011
44.565	01100010101011	45.155	000100010101011	45.745	00001011001011
44.570	10100010101011	45.160	111000010101011	45.750	10010011001011
44.575	00100010101011	45.165	011000010101011	45.755	00010011001011
44.580	110000010101011	45.170	101000010101011	45.760	11100011001011
44.585	010000010101011	45.175	001000010101011	45.765	01100011001011
44.590	100000010101011	45.180	110000010101011	45.770	10100011001011
44.595	000000010101011	45.185	010000010101011	45.775	00100011001011
44.600	100110010101011	45.190	100000010101011	45.780	11000011001011
44.605	000110010101011	45.195	000000010101011	45.785	01000011001011
44.610	11101100101011	45.200	10011100101011	45.790	10000011001011
44.615	01101100101011	45.205	00011100101011	45.795	00000011001011
44.620	10101100101011	45.210	11101100101011	45.800	10011101001011
44.625	00101100101011	45.215	01101100101011	45.805	00011101001011
44.630	11001100101011	45.220	10101100101011	45.810	11101101001011
44.635	01001100101011	45.225	00101100101011	45.815	01101101001011
44.640	10001100101011	45.230	11001100101011	45.820	10101101001011
44.645	00001100101011	45.235	01001100101011	45.825	00101101001011
44.650	10010100101011	45.240	10001100101011	45.830	11001101001011
44.655	00010100101011	45.245	00001100101011	45.835	01001101001011
44.660	11100100101011	45.250	10010100101011	45.840	10001101001011
44.665	01100100101011	45.255	00010100101011	45.845	00001101001011
44.670	10100100101011	45.260	11100100101011	45.850	10010101001011
44.675	00100100101011	45.265	01100100101011	45.855	00010101001011
44.680	11000100101011	45.270	10100100101011	45.860	11100101001011
44.685	01000100101011	45.275	00100100101011	45.865	01100101001011
44.690	10000100101011	45.280	11000100101011	45.870	10100101001011
44.695	00000100101011	45.285	01000100101011	45.875	00100101001011
44.700	10011000101011	45.290	10000100101011	45.880	11000101001011
44.705	00011000101011	45.295	00000100101011	45.885	01000101001011
44.710	11101000101011	45.300	10011000101011	45.890	10000101001011
44.715	01101000101011	45.305	00011000101011	45.895	00000101001011
44.720	10101000101011	45.310	11101000101011	45.900	10011001001011
44.725	00101000101011	45.315	01101000101011	45.905	00011001001011
44.730	11001000101011	45.320	10101000101011	45.910	11101001001011
44.735	01001000101011	45.325	00101000101011	45.915	01101001001011
44.740	10001000101011	45.330	10010100101011	45.920	10101001001011
44.745	00001000101011	45.335	010010100101011	45.925	00101001001011

FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)
45.930	110010011001011	46.520	010101100001011	47.110	111010000001011
45.935	010010011001011	46.525	001010110000101	47.115	011010000001011
45.940	100010011001011	46.530	110010110000101	47.120	101010000001011
45.945	000010011001011	46.535	010010110000101	47.125	001010000001011
45.950	100100011001011	46.540	100010110001011	47.130	110010000001011
45.955	000100011001011	46.545	000010110000101	47.135	010010000001011
45.960	111000011001011	46.550	100100110000101	47.140	100010000001011
45.965	011000011001011	46.555	000100110000101	47.145	000010000001011
45.970	101000011001011	46.560	111000110000101	47.150	100100000001011
45.975	001000011001011	46.565	011000110000101	47.155	001000000001011
45.980	110000011001011	46.570	101000110000101	47.160	111000000001011
45.985	010000011001011	46.575	001000110000101	47.165	011000000001011
45.990	100000011001011	46.580	110000110000101	47.170	101000000001011
45.995	000000011001011	46.585	010000110000101	47.175	001000000001011
46.000	100111101001011	46.590	100000110000101	47.180	110000000001011
46.005	000111101001011	46.595	000000110000101	47.185	010000000001011
46.010	111011101001011	46.600	100110110000101	47.190	100000000001011
46.015	011011101001011	46.605	000110110000101	47.195	000000000001011
46.020	101011101001011	46.610	111011100001011	47.200	100111111110011
46.025	001011101001011	46.615	011011100001011	47.205	000111111110011
46.030	110011101001011	46.620	101011100001011	47.210	111011111110011
46.035	010011101001011	46.625	001011100001011	47.215	011011111110011
46.040	100011101001011	46.630	110011100001011	47.220	101011111110011
46.045	000011101001011	46.635	010011100001011	47.225	001011111110011
46.050	100101101001011	46.640	100011100001011	47.230	110011111110011
46.055	000101101001011	46.645	000011010000101	47.235	010011111110011
46.060	111001101001011	46.650	100101100001011	47.240	100011111110011
46.065	011001101001011	46.655	000101100001011	47.245	000011111110011
46.070	101001101001011	46.660	111001100001011	47.250	100111111110011
46.075	001001101001011	46.665	011001100001011	47.255	000101111110011
46.080	110001101001011	46.670	101001100001011	47.260	111001111110011
46.085	010001101001011	46.675	001001100001011	47.265	011001111110011
46.090	100001101001011	46.680	110000110000101	47.270	101001111110011
46.095	000001101001011	46.685	010001100001011	47.275	001001111110011
46.100	100110101001011	46.690	100001100001011	47.280	110001111110011
46.105	000110101001011	46.695	000001100001011	47.285	010001111110011
46.110	111010101001011	46.700	100110010001011	47.290	100000111110011
46.115	011010101001011	46.705	000110010001011	47.295	000001111110011
46.120	101010101001011	46.710	111010100001011	47.300	100110111110011
46.125	001010101001011	46.715	011010100001011	47.305	000110111110011
46.130	110010101001011	46.720	101010100001011	47.310	111010111110011
46.135	010010101001011	46.725	001010100001011	47.315	011010111110011
46.140	100010101001011	46.730	110010100001011	47.320	101010111110011
46.145	000010101001011	46.735	010010100001011	47.325	001010111110011
46.150	100100101001011	46.740	100010100001011	47.330	110010111110011
46.155	000100101001011	46.745	000010100001011	47.335	010010111110011
46.160	111000101001011	46.750	100100001000101	47.340	100010111110011
46.165	011000101001011	46.755	000100001000101	47.345	000010111110011
46.170	101000101001011	46.760	111000010000101	47.350	100100111110011
46.175	001000101001011	46.765	011000010000101	47.355	000100111110011
46.180	110000101001011	46.770	101000010000101	47.360	111000111110011
46.185	010000101001011	46.775	001000010000101	47.365	011000111110011
46.190	100000101001011	46.780	110000010000101	47.370	101000111110011
46.195	000000101001011	46.785	010000010000101	47.375	001000111110011
46.200	100111000100101	46.790	100000010000101	47.380	110000111110011
46.205	000111000100101	46.795	000000010000101	47.385	010000111110011
46.210	111011000100101	46.800	100111100001011	47.390	100000111110011
46.215	011011000100101	46.805	000111100001011	47.395	000001111110011
46.220	101011000100101	46.810	111011100001011	47.400	100111011110011
46.225	001011000100101	46.815	011011100001011	47.405	000111011110011
46.230	110011000100101	46.820	101011100001011	47.410	111011011110011
46.235	010011000100101	46.825	001011100001011	47.415	011011011110011
46.240	100011000100101	46.830	110011100001011	47.420	101011011110011
46.245	000011000100101	46.835	010011100001011	47.425	001011011110011
46.250	100100100010011	46.840	100011100001011	47.430	110011011110011
46.255	000100100010011	46.845	000011100001011	47.435	010011011110011
46.260	111001001000101	46.850	100101100001011	47.440	100011011110011
46.265	011001001000101	46.855	000101100001011	47.445	000011011110011
46.270	101001001000101	46.860	111001100001011	47.450	100101111110011
46.275	001001001000101	46.865	011001100001011	47.455	000101111110011
46.280	110001001000101	46.870	101001100001011	47.460	111001011110011
46.285	010001001000101	46.875	001001100001011	47.465	011001011110011
46.290	100001001000101	46.880	110001100001011	47.470	101001011110011
46.295	000001001000101	46.885	010001100001011	47.475	001001011110011
46.300	100110001000101	46.890	100001100001011	47.480	110001011110011
46.305	000110001000101	46.895	000001100001011	47.485	010001011110011
46.310	111010001000101	46.900	100110100001011	47.490	100001011110011
46.315	011010001000101	46.905	000110100001011	47.495	000001011110011
46.320	101010001000101	46.910	111010100001011	47.500	100110011110011
46.325	001010001000101	46.915	011010100001011	47.505	000110011110011
46.330	110010001000101	46.920	101010100001011	47.510	111010011110011
46.335	010010001000101	46.925	001010100001011	47.515	011010011110011
46.340	100010001000101	46.930	110010100001011	47.520	101010011110011
46.345	000010001000101	46.935	010010100001011	47.525	001010011110011
46.350	100100001000101	46.940	100010100001011	47.530	110010011110011
46.355	000100001000101	46.945	000010100001011	47.535	010010111110011
46.360	111000001000101	46.950	100100100001011	47.540	100010111110011
46.365	011000001000101	46.955	000100100001011	47.545	000010111110011
46.370	101000001000101	46.960	111000100001011	47.550	100100011110011
46.375	001000001000101	46.965	011000100001011	47.555	000100011110011
46.380	110000001000101	46.970	101000100001011	47.560	111000011110011
46.385	010000001000101	46.975	001000100001011	47.565	011000011110011
46.390	100000001000101	46.980	110000100001011	47.570	101000011110011
46.395	000000001000101	46.985	010000100001011	47.575	001000011110011
46.400	100111110001011	46.990	100000100001011	47.580	110000011110011
46.405	000111110001011	46.995	000000100001011	47.585	010000011110011
46.410	111011110001011	47.000	100111000001011	47.590	100000011110011
46.415	011011110001011	47.005	000111000001011	47.595	000000011110011
46.420	101011110001011	47.010	111011000001011	47.600	100111011110011
46.425	001011110001011	47.015	011011000001011	47.605	000111011110011
46.430	110011110001011	47.020	101011000001011	47.610	111011011110011
46.435	010011110001011	47.025	001011000001011	47.615	011011011110011
46.440	100011110001011	47.030	110011000001011	47.620	101011011110011
46.445	000011110001011	47.035	010011000001011	47.625	001011011110011
46.450	100101110001011	47.040	100011000001011	47.630	110011011110011
46.455	000101110001011	47.045	000011000001011	47.635	010011011110011
46.460	111001110001011	47.050	100101000001011	47.640	100011011110011
46.465	011001110001011	47.055	000101000001011	47.645	000011011110011
46.470	101001110001011	47.060	111001000001011	47.650	100101011110011
46.475	001001110001011	47.065	011001000001011	47.655	000101011110011
46.480	110001110001011	47.070	101001000001011	47.660	111001011110011
46.485	010001110001011	47.075	001001000001011	47.665	011001011110011
46.490	100001110001011	47.080	110001000001011	47.670	101001011110011
46.495	000001110001011	47.085	010001000001011	47.675	001001011110011
46.500	100110110001011	47.090	100001000001011	47.680	110001011110011
46.505	000110110001011	47.095	000001000001011	47.685	010001011110011
46.510	111010110001011	47.100	100110000001011	47.690	100001011110011
46.515	011010110001011	47.105	000110000001011	47.695	000001011110011

FREQUENCY	AB(BINARY)	FREQUENCY	AB(BINARY)	FREQUENCY	AB(BINARY)
47.700	10011010110011	48.290	10000101011001	48.880	11000111101001
47.705	00011010110011	48.295	00000101011001	48.885	01000111101001
47.710	11101010110011	48.300	10011001011001	48.890	10000111101001
47.715	01101010110011	48.305	00011001011001	48.895	00000111101001
47.720	10101010110011	48.310	11101001011001	48.900	10011011101001
47.725	00101010110011	48.315	01101001011001	48.905	00011011101001
47.730	11001010110011	48.320	10101001011001	48.910	11101011101001
47.735	01001010110011	48.325	00101001011001	48.915	01101011101001
47.740	10001010110011	48.330	11001001011001	48.920	10101011101001
47.745	00001010110011	48.335	01001001011001	48.925	00101011101001
47.750	10010010110011	48.340	10001001011001	48.930	11001011101001
47.755	00010010110011	48.345	00001001011001	48.935	01001011101001
47.760	11100010110011	48.350	10010001011001	48.940	10001011101001
47.765	01100010110011	48.355	00010001011001	48.945	00001011101001
47.770	10100010110011	48.360	11100001011001	48.950	10010011101001
47.775	00100010110011	48.365	01100001011001	48.955	00010011101001
47.780	11000010110011	48.370	10100001011001	48.960	11100011101001
47.785	01000010110011	48.375	00100001011001	48.965	01100011101001
47.790	10000010110011	48.380	11000001011001	48.970	10100011101001
47.795	00000010110011	48.385	01000001011001	48.975	00100011101001
47.800	10011100110011	48.390	10000001011001	48.980	11000011101001
47.805	00011100110011	48.395	00000001011001	48.985	01000011101001
47.810	11101100110011	48.400	10011100110011	48.990	10000011101001
47.815	01101100110011	48.405	00111100110011	48.995	00000011101001
47.820	10101100110011	48.410	11101100110011	49.000	10011101101001
47.825	00101100110011	48.415	01101100110011	49.005	00011101101001
47.830	11001100110011	48.420	10101100110011	49.010	11101101101001
47.835	01001100110011	48.425	00101100110011	49.015	01101101101001
47.840	10001100110011	48.430	11001100110011	49.020	10101101101001
47.845	00001100110011	48.435	01001100110011	49.025	00101101101001
47.850	10010100110011	48.440	10001100110011	49.030	11001101101001
47.855	00010100110011	48.445	00001100110011	49.035	01001101101001
47.860	11100100110011	48.450	10010100110011	49.040	10001101101001
47.865	01100100110011	48.455	00010100110011	49.045	00001101101001
47.870	10100100110011	48.460	11100100110011	49.050	10010101101001
47.875	00100100110011	48.465	01100100110011	49.055	00010101101001
47.880	11000100110011	48.470	10100100110011	49.060	11100101101001
47.885	01000100110011	48.475	00100100110011	49.065	01100101101001
47.890	10000100110011	48.480	11000100110011	49.070	10100101101001
47.895	00000100110011	48.485	01000100110011	49.075	00100101101001
47.900	10011000110011	48.490	10000100110011	49.080	11000011101001
47.905	00011000110011	48.495	00000100110011	49.085	01000011101001
47.910	11101000110011	48.500	10011010011001	49.090	10000011101001
47.915	01101000110011	48.505	00011010011001	49.095	00000011101001
47.920	10101000110011	48.510	11101010011001	49.100	10011001101001
47.925	00101000110011	48.515	01101010011001	49.105	00011001101001
47.930	11001000110011	48.520	10101010011001	49.110	11101001101001
47.935	01001000110011	48.525	00101010011001	49.115	01101001101001
47.940	10001000110011	48.530	11001010011001	49.120	10101001101001
47.945	00001000110011	48.535	01001010011001	49.125	00101001101001
47.950	10010000110011	48.540	10001010011001	49.130	11001001101001
47.955	00010000110011	48.545	00001010011001	49.135	01001001101001
47.960	11100000110011	48.550	10010010011001	49.140	10001001101001
47.965	01100000110011	48.555	00010010011001	49.145	00001001101001
47.970	10100000110011	48.560	11100010011001	49.150	10010001101001
47.975	00100000110011	48.565	01100010011001	49.155	00010001101001
47.980	11000000110011	48.570	10100010011001	49.160	11100001101001
47.985	01000000110011	48.575	00100010011001	49.165	01100001101001
47.990	10000000110011	48.580	11000010011001	49.170	10100001101001
47.995	00000000110011	48.585	01000010011001	49.175	00100001101001
48.000	10011111011001	48.590	10000010011001	49.180	11000001101001
48.005	00011111011001	48.595	00000010011001	49.185	01000001101001
48.010	11101111011001	48.600	10011100011001	49.190	10000001101001
48.015	01101111011001	48.605	00011100011001	49.195	00000001101001
48.020	10101111011001	48.610	11101100011001	49.200	10011101101001
48.025	00101111011001	48.615	01101100011001	49.205	00011101101001
48.030	11001111011001	48.620	10101100011001	49.210	11101101101001
48.035	01001111011001	48.625	00101100011001	49.215	01101101101001
48.040	10001111011001	48.630	11001100011001	49.220	10101101101001
48.045	00001111011001	48.635	01001100011001	49.225	00101101101001
48.050	10010111011001	48.640	10001100011001	49.230	11001101101001
48.055	00010111011001	48.645	00001100011001	49.235	01001101101001
48.060	11100111011001	48.650	10010100011001	49.240	10001101101001
48.065	01100111011001	48.655	00010100011001	49.245	00001101101001
48.070	10100111011001	48.660	11100100011001	49.250	10010101101001
48.075	00100111011001	48.665	01100100011001	49.255	00010101101001
48.080	11000111011001	48.670	10100100011001	49.260	11100101101001
48.085	01000111011001	48.675	00100100011001	49.265	01100101101001
48.090	10000111011001	48.680	11000100011001	49.270	10100101101001
48.095	00000111011001	48.685	01000100011001	49.275	00100101101001
48.100	10011010101001	48.690	10000100011001	49.280	11000101101001
48.105	00011010101001	48.695	00000100011001	49.285	01000101101001
48.110	11101010101001	48.700	10011000011001	49.290	10000101101001
48.115	01101010101001	48.705	00011000011001	49.295	00000101101001
48.120	10101010101001	48.710	11101000011001	49.300	10011010101001
48.125	00101010101001	48.715	01101000011001	49.305	00011010101001
48.130	11001010101001	48.720	10101000011001	49.310	11101010101001
48.135	01001010101001	48.725	00101000011001	49.315	01101010101001
48.140	10001010101001	48.730	11001000011001	49.320	10101010101001
48.145	00001010101001	48.735	01001000011001	49.325	00101010101001
48.150	10010010101001	48.740	10001000011001	49.330	11001010101001
48.155	00010010101001	48.745	00001000011001	49.335	01001010101001
48.160	11100010101001	48.750	10010000011001	49.340	10001010101001
48.165	01100010101001	48.755	00010000011001	49.345	00001010101001
48.170	10100010101001	48.760	11100000011001	49.350	10010010101001
48.175	00100010101001	48.765	01100000011001	49.355	00010010101001
48.180	11000010101001	48.770	10100000011001	49.360	11100010101001
48.185	01000010101001	48.775	00100000011001	49.365	01100010101001
48.190	10000010101001	48.780	11000000011001	49.370	10100010101001
48.195	00000010101001	48.785	01000000011001	49.375	00100010101001
48.200	10011101010101	48.790	10000000011001	49.380	11000010101001
48.205	00011101010101	48.795	00000000011001	49.385	01000010101001
48.210	11101101010101	48.800	10011111010101	49.390	10000010101001
48.215	01101101010101	48.805	00011111010101	49.395	00000010101001
48.220	10101101010101	48.810	11101111010101	49.400	10011101010101
48.225	00101101010101	48.815	01101111010101	49.405	00011101010101
48.230	11001101010101	48.820	10101111010101	49.410	11101101010101
48.235	01001101010101	48.825	00101111010101	49.415	01101101010101
48.240	10001101010101	48.830	11001111010101	49.420	10101101010101
48.245	00001101010101	48.835	01001111010101	49.425	00101101010101
48.250	10010101010101	48.840	10001111010101	49.430	11001101010101
48.255	00010101010101	48.845	00001111010101	49.435	01001101010101
48.260	11100101010101	48.850	10010111010101	49.440	10001101010101
48.265	01100101010101	48.855	00010111010101	49.445	00001101010101
48.270	10100101010101	48.860	11100111010101	49.450	10010101010101
48.275	00100101010101	48.865	01100111010101	49.455	00010101010101
48.280	11000101010101	48.870	10100111010101	49.460	11100101010101
48.285	01000101010101	48.875	00100111010101	49.465	01100101010101

FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)
49.470	101001001010011	49.650	100101110010011	49.830	110011010010011
49.475	001001001010011	49.655	000101110010011	49.835	010011010010011
49.480	110001001010011	49.660	111001110010011	49.840	100011010010011
49.485	010001001010011	49.665	011001110010011	49.845	000011010010011
49.490	100001001010011	49.670	101001110010011	49.850	100101010010011
49.495	000001001010011	49.675	001001110010011	49.855	000101010010011
49.500	100110001010011	49.680	110001110010011	49.860	111001010010011
49.505	000110001010011	49.685	010001110010011	49.865	011001010010011
49.510	111010001010011	49.690	100001110010011	49.870	101001010010011
49.515	011010001010011	49.695	000001110010011	49.875	001001010010011
49.520	101010001010011	49.700	100110110010011	49.880	110001010010011
49.525	001010001010011	49.705	000110110010011	49.885	010001010010011
49.530	110010001010011	49.710	111010110010011	49.890	100001010010011
49.535	010010001010011	49.715	011010110010011	49.895	000001010010011
49.540	100010001010011	49.720	101010110010011	49.900	100110010010011
49.545	000010001010011	49.725	001010110010011	49.905	000110010010011
49.550	100100001010011	49.730	110010110010011	49.910	111010010010011
49.555	000100001010011	49.735	010010110010011	49.915	011010010010011
49.560	111000001010011	49.740	100010110010011	49.920	101010010010011
49.565	011000001010011	49.745	000010110010011	49.925	001010010010011
49.570	101000001010011	49.750	100100110010011	49.930	110010010010011
49.575	001000001010011	49.755	000100110010011	49.935	010010010010011
49.580	110000001010011	49.760	111000110010011	49.940	100010010010011
49.585	010000001010011	49.765	011000110010011	49.945	000010010010011
49.590	100000001010011	49.770	101000110010011	49.950	100100010010011
49.595	000000001010011	49.775	001000110010011	49.955	000100010010011
49.600	100111110010011	49.780	110000110010011	49.960	111000010010011
49.605	000111110010011	49.785	010000110010011	49.965	011000010010011
49.610	111011110010011	49.790	100000110010011	49.970	101000010010011
49.615	011011110010011	49.795	000000110010011	49.975	001000010010011
49.620	101011110010011	49.800	100111010010011	49.980	110000010010011
49.625	001011110010011	49.805	000111010010011	49.985	010000010010011
49.630	110011110010011	49.810	111011010010011	49.990	100000010010011
49.635	010011110010011	49.815	011011010010011	49.995	000000010010011
49.640	100011110010011	49.820	101011010010011	50.000	10011100010011
49.645	000011110010011	49.825	001011010010011		

150.000 to 151.765

FREQUENCY	AR(BINARY)	FREQUENCY	AR(BINARY)	FREQUENCY	AR(BINARY)
150.000	100111101011101	150.590	100000110011101	151.180	110000000011101
150.005	000011101011101	150.595	000000110011101	151.185	010000000011101
150.010	111011101011101	150.600	100111010011101	151.190	100000000011101
150.015	011011101011101	150.605	000111010011101	151.195	000000000011101
150.020	101011101011101	150.610	111011010011101	151.200	100111111011101
150.025	001011101011101	150.615	011011010011101	151.205	000111111011101
150.030	110011101011101	150.620	101011010011101	151.210	111011111011101
150.035	010011101011101	150.625	001011010011101	151.215	011011111011101
150.040	100011101011101	150.630	110011010011101	151.220	101011111011101
150.045	000011101011101	150.635	010011010011101	151.225	001011111011101
150.050	100101101011101	150.640	100011010011101	151.230	110011111011101
150.055	000101101011101	150.645	000011010011101	151.235	010011111011101
150.060	111001101011101	150.650	100101010011101	151.240	100011111011101
150.065	011001101011101	150.655	000101010011101	151.245	000011111011101
150.070	101001101011101	150.660	111001010011101	151.250	100101111011101
150.075	001001101011101	150.665	011001010011101	151.255	000101111011101
150.080	110001101011101	150.670	101001010011101	151.260	111001111011101
150.085	010001101011101	150.675	001001010011101	151.265	011001111011101
150.090	100001101011101	150.680	110001010011101	151.270	101001111011101
150.095	000001101011101	150.685	010001010011101	151.275	001001111011101
150.100	100110101011101	150.690	100001010011101	151.280	110001111011101
150.105	000110101011101	150.695	000001010011101	151.285	010001111011101
150.110	111010101011101	150.700	100110010011101	151.290	100001111011101
150.115	011010101011101	150.705	000110010011101	151.295	000001111011101
150.120	101010101011101	150.710	111010010011101	151.300	100110111011101
150.125	001010101011101	150.715	011010010011101	151.305	000110111011101
150.130	110010101011101	150.720	101010010011101	151.310	111010111011101
150.135	010010101011101	150.725	001010010011101	151.315	011010111011101
150.140	100010101011101	150.730	110010010011101	151.320	101010111011101
150.145	000010101011101	150.735	010010010011101	151.325	001010111011101
150.150	100100101011101	150.740	100010010011101	151.330	110010111011101
150.155	000100101011101	150.745	000010010011101	151.335	010010111011101
150.160	111000101011101	150.750	100100010011101	151.340	100010111011101
150.165	011000101011101	150.755	000100010011101	151.345	000010111011101
150.170	101000101011101	150.760	111000010011101	151.350	100100111011101
150.175	001000101011101	150.765	011000010011101	151.355	000100111011101
150.180	110000101011101	150.770	101000010011101	151.360	111000111011101
150.185	010000101011101	150.775	001000010011101	151.365	011000111011101
150.190	100000101011101	150.780	110000010011101	151.370	101000111011101
150.195	000000101011101	150.785	010000010011101	151.375	001000111011101
150.200	100111001011101	150.790	100000010011101	151.380	110000111011101
150.205	000111001011101	150.795	000000010011101	151.385	010000111011101
150.210	111011001011101	150.800	100111100011101	151.390	100000111011101
150.215	011011001011101	150.805	000111100011101	151.395	000000111011101
150.220	101011001011101	150.810	111011100011101	151.400	100111011011101
150.225	001011001011101	150.815	011011100011101	151.405	000111011011101
150.230	110011001011101	150.820	101011100011101	151.410	111011011011101
150.235	010011001011101	150.825	001011100011101	151.415	011011011011101
150.240	100011001011101	150.830	110011100011101	151.420	101011011011101
150.245	000011001011101	150.835	010011100011101	151.425	001011011011101
150.250	100101001011101	150.840	100011100011101	151.430	110011011011101
150.255	000101001011101	150.845	000011100011101	151.435	010011011011101
150.260	111001001011101	150.850	100101100011101	151.440	100011011011101
150.265	011001001011101	150.855	000101100011101	151.445	000011011011101
150.270	101001001011101	150.860	111001100011101	151.450	10010110111011101
150.275	001001001011101	150.865	011001100011101	151.455	00010110111011101
150.280	110001001011101	150.870	101001100011101	151.460	11100110111011101
150.285	010001001011101	150.875	001001100011101	151.465	01100110111011101
150.290	100001001011101	150.880	110001100011101	151.470	10100110111011101
150.295	000001001011101	150.885	010001100011101	151.475	00100110111011101
150.300	100110001011101	150.890	100001100011101	151.480	11000110111011101
150.305	000110001011101	150.895	000001100011101	151.485	01000110111011101
150.310	111010001011101	150.900	100110100011101	151.490	10000110111011101
150.315	011010001011101	150.905	000110100011101	151.495	00000110111011101
150.320	101010001011101	150.910	111010100011101	151.500	1001100110111011101
150.325	001010001011101	150.915	011010100011101	151.505	0001100110111011101
150.330	110010001011101	150.920	101010100011101	151.510	1110100110111011101
150.335	010010001011101	150.925	001010100011101	151.515	0110100110111011101
150.340	100010001011101	150.930	110010100011101	151.520	1010100110111011101
150.345	000010001011101	150.935	010010100011101	151.525	0010100110111011101
150.350	100100001011101	150.940	100010100011101	151.530	1100100110111011101
150.355	000100001011101	150.945	000010100011101	151.535	0100100110111011101
150.360	111000001011101	150.950	100100100011101	151.540	1000100110111011101
150.365	011000001011101	150.955	000100100011101	151.545	0000100110111011101
150.370	101000001011101	150.960	111000001011101	151.550	1001000110111011101
150.375	001000001011101	150.965	011000001011101	151.555	0001000110111011101
150.380	110000001011101	150.970	101000001011101	151.560	1110000110111011101
150.385	010000001011101	150.975	001000001011101	151.565	0110000110111011101
150.390	100000001011101	150.980	110000001011101	151.570	1010000110111011101
150.395	000000001011101	150.985	010000001011101	151.575	0010000110111011101
150.400	100111110011101	150.990	100000010011101	151.580	1100000110111011101
150.405	000111110011101	150.995	000000010011101	151.585	0100000110111011101
150.410	111011110011101	151.000	100111000011101	151.590	1000000110111011101
150.415	011011110011101	151.005	000111000011101	151.595	0000000110111011101
150.420	101011110011101	151.010	111011000011101	151.600	1001110110111011101
150.425	001011110011101	151.015	011011000011101	151.605	0001110110111011101
150.430	110011110011101	151.020	101011000011101	151.610	1110110110111011101
150.435	010011110011101	151.025	001011000011101	151.615	0110110110111011101
150.440	100011110011101	151.030	110011000011101	151.620	1010110110111011101
150.445	000011110011101	151.035	010011000011101	151.625	0010110110111011101
150.450	100101110011101	151.040	100011000011101	151.630	1100110110111011101
150.455	000101110011101	151.045	000011000011101	151.635	0100110110111011101
150.460	111001110011101	151.050	100101000011101	151.640	1000110110111011101
150.465	011001110011101	151.055	000101000011101	151.645	0000110110111011101
150.470	101001110011101	151.060	111001000011101	151.650	1001011011011011101
150.475	001001110011101	151.065	011001000011101	151.655	0001011011011011101
150.480	110001110011101	151.070	101001000011101	151.660	1110011011011011101
150.485	010001110011101	151.075	001001000011101	151.665	0110011011011011101
150.490	100001110011101	151.080	110001000011101	151.670	1010011011011011101
150.495	000001110011101	151.085	010001000011101	151.675	0010011011011011101
150.500	100110110011101	151.090	100001000011101	151.680	1100011011011011101
150.505	000110110011101	151.095	000001000011101	151.685	0100011011011011101
150.510	111010110011101	151.100	100110000011101	151.690	1000011011011011101
150.515	011010110011101	151.105	000110000011101	151.695	0000011011011011101
150.520	101010110011101	151.110	111010000011101	151.700	1001101101101101101
150.525	001010110011101	151.115	011010000011101	151.705	0001101101101101101
150.530	110010110011101	151.120	101010000011101	151.710	1110101101101101101
150.535	010010110011101	151.125	001010000011101	151.715	0110101101101101101
150.540	100010110011101	151.130	110010000011101	151.720	1010101101101101101
150.545	000010110011101	151.135	010010000011101	151.725	0010101101101101101
150.550	100100110011101	151.140	100010000011101	151.730	1100101101101101101
150.555	000100110011101	151.145	000010000011101	151.735	0100101101101101101
150.560	111000110011101	151.150	100100000011101	151.740	1000101101101101101
150.565	011000110011101	151.155	000100000011101	151.745	0000101101101101101
150.570	101000110011101	151.160	111000000011101	151.750	1001001101101101101
150.575	001000110011101	151.165	011000000011101	151.755	0001001101101101101
150.580	110000110011101	151.170	101000000011101	151.760	1110001101101101101
150.585	010000110011101	151.175	001000000011101	151.765	0110001101101101101

FREQUENCY	AB (RINARY)	FREQUENCY	AB (RINARY)	FREQUENCY	AB (RINARY)
151.770	101000101101101	152.360	111000010101101	152.950	100100111001101
151.775	001000101011011	152.365	011000010101101	152.955	000100111001101
151.780	110000101010110	152.370	101000010101101	152.960	111000111001101
151.785	010000101010110	152.375	001000010101101	152.965	011000111001101
151.790	100000101010110	152.380	110000010101101	152.970	101000111001101
151.795	000000101010110	152.385	010000010101101	152.975	001000111001101
151.800	100111001101101	152.390	100000010101101	152.980	110000111001101
151.805	000111001101101	152.395	000000010101101	152.985	010000111001101
151.810	111011001101101	152.400	100111100110110	152.990	100000111001101
151.815	011011001101101	152.405	000111100110110	152.995	000000111001101
151.820	101011001101101	152.410	111011100110110	153.000	100111011001101
151.825	001011001101101	152.415	011011100110110	153.005	000111011001101
151.830	110011001101101	152.420	101011100110110	153.010	111011011001101
151.835	010011001101101	152.425	001011100110110	153.015	011011011001101
151.840	100011001101101	152.430	110011100110110	153.020	101011011001101
151.845	000011001101101	152.435	010011100110110	153.025	001011011001101
151.850	100101001101101	152.440	100011100110110	153.030	110011011001101
151.855	000101001101101	152.445	000011100110110	153.035	010011011001101
151.860	111001001101101	152.450	100101100110110	153.040	100011011001101
151.865	011001001101101	152.455	000101100110110	153.045	000011011001101
151.870	101001001101101	152.460	111001100110110	153.050	100101100110011
151.875	001001001101101	152.465	011001100110110	153.055	000101100110011
151.880	110001001101101	152.470	101001100110110	153.060	111001100110011
151.885	010001001101101	152.475	001001100110110	153.065	011001100110011
151.890	100001001101101	152.480	110001100110110	153.070	101001100110011
151.895	000001001101101	152.485	010001100110110	153.075	001001100110011
151.900	100110001101101	152.490	100001100110110	153.080	110001100110011
151.905	000110001101101	152.495	000001100110110	153.085	010001100110011
151.910	111010001101101	152.500	100110100110110	153.090	100001100110011
151.915	011010001101101	152.505	000110100110110	153.095	000001100110011
151.920	101010001101101	152.510	111010100110110	153.100	100110011001101
151.925	001010001101101	152.515	011010100110110	153.105	000110011001101
151.930	110010001101101	152.520	101010100110110	153.110	111010011001101
151.935	010010001101101	152.525	001010100110110	153.115	011010011001101
151.940	100010001101101	152.530	110010100110110	153.120	101010011001101
151.945	000010001101101	152.535	010010100110110	153.125	001010011001101
151.950	100100001101101	152.540	100010100110110	153.130	110010011001101
151.955	000100001101101	152.545	000010100110110	153.135	010010011001101
151.960	111000001101101	152.550	100100100110110	153.140	100010011001101
151.965	011000001101101	152.555	000100100110110	153.145	000010011001101
151.970	101000001101101	152.560	111000100110110	153.150	100100011001101
151.975	001000001101101	152.565	011000100110110	153.155	000100011001101
151.980	110000001101101	152.570	101000100110110	153.160	111000011001101
151.985	010000001101101	152.575	001000100110110	153.165	011000011001101
151.990	100000001101101	152.580	110000010101101	153.170	101000011001101
151.995	000000001101101	152.585	010000010101101	153.175	001000011001101
152.000	100111110101101	152.590	100000010101101	153.180	110000011001101
152.005	000111110101101	152.595	000000010101101	153.185	010000011001101
152.010	111011110101101	152.600	100111000101011	153.190	100000011001101
152.015	011011110101101	152.605	000111000101011	153.195	000000011001101
152.020	101011110101101	152.610	111011000101011	153.200	100111100110011
152.025	001011110101101	152.615	011011000101011	153.205	000111000101011
152.030	110011110101101	152.620	101011000101011	153.210	111011000101011
152.035	010011110101101	152.625	001011000101011	153.215	011011000101011
152.040	100011110101101	152.630	110011000101011	153.220	101011000101011
152.045	000011110101101	152.635	010011000101011	153.225	001011000101011
152.050	100101110101101	152.640	100011000101011	153.230	110011000101011
152.055	000101110101101	152.645	000011000101011	153.235	010011000101011
152.060	111001110101101	152.650	100101000101011	153.240	100011000101011
152.065	011001110101101	152.655	000101000101011	153.245	000011000101011
152.070	101001110101101	152.660	111001000101011	153.250	100101000101011
152.075	001001110101101	152.665	011001000101011	153.255	000101000101011
152.080	110001110101101	152.670	101001000101011	153.260	111001000101011
152.085	010001110101101	152.675	001001000101011	153.265	011001000101011
152.090	100001110101101	152.680	110001000101011	153.270	101001000101011
152.095	000001110101101	152.685	010001000101011	153.275	001001000101011
152.100	100110110101101	152.690	100001000101011	153.280	110001000101011
152.105	000110110101101	152.695	000001000101011	153.285	010001000101011
152.110	111010110101101	152.700	100110000101011	153.290	100001000101011
152.115	011010110101101	152.705	000110000101011	153.295	000001000101011
152.120	101010110101101	152.710	111010000101011	153.300	100110100110011
152.125	001010110101101	152.715	011010000101011	153.305	000110100110011
152.130	110010110101101	152.720	101010000101011	153.310	111010100110011
152.135	010010110101101	152.725	001010000101011	153.315	011010100110011
152.140	100010110101101	152.730	110010000101011	153.320	101010100110011
152.145	000010110101101	152.735	010010000101011	153.325	001010100110011
152.150	100100110101101	152.740	100010000101011	153.330	110010100110011
152.155	000100110101101	152.745	000010000101011	153.335	010010100110011
152.160	111000110101101	152.750	100100000101011	153.340	100010100110011
152.165	011000110101101	152.755	000100000101011	153.345	000010100110011
152.170	101000110101101	152.760	111000000101011	153.350	100100100110011
152.175	001000110101101	152.765	011000000101011	153.355	000100100110011
152.180	110000110101101	152.770	101000000101011	153.360	111000100110011
152.185	010000110101101	152.775	001000000101011	153.365	011000100110011
152.190	100000110101101	152.780	110000000101011	153.370	101000100110011
152.195	000000110101101	152.785	010000000101011	153.375	001000100110011
152.200	100111010101101	152.790	100000000101011	153.380	110000100110011
152.205	000111010101101	152.795	000000000101011	153.385	010000100110011
152.210	111011010101101	152.800	100111110001011	153.390	100000100110011
152.215	011011010101101	152.805	000111110001011	153.395	000000100110011
152.220	101011010101101	152.810	111011110001011	153.400	100111000110011
152.225	001011010101101	152.815	011011110001011	153.405	000111000110011
152.230	110011010101101	152.820	101011110001011	153.410	111011000110011
152.235	010011010101101	152.825	001011110001011	153.415	011011000110011
152.240	100011010101101	152.830	110011110001011	153.420	101011000110011
152.245	000011010101101	152.835	010011110001011	153.425	001011000110011
152.250	100101010101101	152.840	100011110001011	153.430	110011000110011
152.255	000101010101101	152.845	000011110001011	153.435	010011000110011
152.260	111001010101101	152.850	100101110001011	153.440	100011000110011
152.265	011001010101101	152.855	000101110001011	153.445	000011000110011
152.270	101001010101101	152.860	111001110001011	153.450	100101000110011
152.275	001001010101101	152.865	011001110001011	153.455	000101000110011
152.280	110001010101101	152.870	101001110001011	153.460	111001000110011
152.285	010001010101101	152.875	001001110001011	153.465	011001000110011
152.290	100001010101101	152.880	110001110001011	153.470	101001000110011
152.295	000001010101101	152.885	010001110001011	153.475	001001000110011
152.300	100110010101101	152.890	100001110001011	153.480	110001000110011
152.305	000110010101101	152.895	000001110001011	153.485	010001000110011
152.310	111010010101101	152.900	100110110001011	153.490	100001000110011
152.315	011010010101101	152.905	000110110001011	153.495	000001000110011
152.320	101010010101101	152.910	111010110001011	153.500	100110000110011
152.325	001010010101101	152.915	011010110001011	153.505	000110000110011
152.330	110010010101101	152.920	101010110001011	153.510	111010000110011
152.335	010010010101101	152.925	001010110001011	153.515	011010000110011
152.340	100010010101101	152.930	110010110001011	153.520	101010000110011
152.345	000010010101101	152.935	010010110001011	153.525	001010000110011
152.350	100100010101101	152.940	100010110001011	153.530	110010000110011
152.355	000100010101101	152.945	000010110001011	153.535	010010000110011

FREQUENCY	ARBITRARY	FREQUENCY	ARBITRARY	FREQUENCY	ARBITRARY
155.310	111010110110101	155.900	1001100001110101	156.490	100001101010101
155.315	0110101011010101	155.905	00011000011010101	156.495	000001101010101
155.320	1010101011010101	155.910	11101000011010101	156.500	101010101010101
155.325	0010101011010101	155.915	01101000011010101	156.505	000110101010101
155.330	1100101011010101	155.920	10101000011010101	156.510	111010101010101
155.335	0100101011010101	155.925	00101000011010101	156.515	011010101010101
155.340	1000101011010101	155.930	11001000011010101	156.520	101010101010101
155.345	0000101011010101	155.935	01001000011010101	156.525	001010101010101
155.350	1001001011010101	155.940	10001000011010101	156.530	110010101010101
155.355	0001001011010101	155.945	00001000011010101	156.535	010010101010101
155.360	1100011011010101	155.950	10010000011010101	156.540	100010101010101
155.365	0100011011010101	155.955	00010000011010101	156.545	000010101010101
155.370	10100011011010101	155.960	11100000011010101	156.550	100100101010101
155.375	00100011011010101	155.965	01100000011010101	156.555	000100101010101
155.380	11000011011010101	155.970	10100000011010101	156.560	1110001101010101
155.385	01000011011010101	155.975	00100000011010101	156.565	0110001101010101
155.390	10000011011010101	155.980	11000000011010101	156.570	1010001101010101
155.395	00000011011010101	155.985	01000000011010101	156.575	0010011001010101
155.400	10011101011010101	155.990	10000000011010101	156.580	1100001101010101
155.405	00011101011010101	155.995	00000000011010101	156.585	0100001101010101
155.410	11101101011010101	156.000	1001111101010101	156.590	1000001101010101
155.415	01101101011010101	156.005	0001111101010101	156.595	0000001101010101
155.420	10101101011010101	156.010	1110111101010101	156.600	10011100101010101
155.425	00101101011010101	156.015	0110111101010101	156.605	00011100101010101
155.430	11001101011010101	156.020	1010111101010101	156.610	11101100101010101
155.435	01001101011010101	156.025	0010111101010101	156.615	01101100101010101
155.440	10001101011010101	156.030	1100111101010101	156.620	10101100101010101
155.445	00001101011010101	156.035	0100111101010101	156.625	00101100101010101
155.450	10010101011010101	156.040	1000111101010101	156.630	11001100101010101
155.455	00010101011010101	156.045	0000111101010101	156.635	01001100101010101
155.460	11100101011010101	156.050	1001011101010101	156.640	10001100101010101
155.465	01100101011010101	156.055	0001011101010101	156.645	00001100101010101
155.470	10100101011010101	156.060	1110011101010101	156.650	10010100101010101
155.475	00100101011010101	156.065	0110011101010101	156.655	00010100101010101
155.480	11000101011010101	156.070	1010011101010101	156.660	11100100101010101
155.485	01000101011010101	156.075	0010011101010101	156.665	01100100101010101
155.490	10000101011010101	156.080	1100011101010101	156.670	10100100101010101
155.495	00000101011010101	156.085	0100011101010101	156.675	00100100101010101
155.500	10011001011010101	156.090	1000011101010101	156.680	11

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
157.080	110001010010101	157.670	101001111100101	158.260	111001001100101
157.085	010001010010101	157.675	010001111100101	158.265	010001001100101
157.090	100001010010101	157.680	100001111100101	158.270	101001001100101
157.095	000001010010101	157.685	010001111100101	158.275	010001001100101
157.100	100110010010101	157.690	100001111100101	158.280	110001001100101
157.105	000110010010101	157.695	000001111100101	158.285	010001001100101
157.110	111010010010101	157.700	100110111100101	158.290	100001001100101
157.115	011010010010101	157.705	000110111100101	158.295	000001001100101
157.120	101010010010101	157.710	111010111100101	158.300	100110001100101
157.125	001010010010101	157.715	011010111100101	158.305	000110001100101
157.130	110010010010101	157.720	101010111100101	158.310	111010001100101
157.135	010010010010101	157.725	001010111100101	158.315	011010001100101
157.140	100010010010101	157.730	110010111100101	158.320	101010001100101
157.145	000010010010101	157.735	010010111100101	158.325	001010001100101
157.150	100100010010101	157.740	100010111100101	158.330	110010001100101
157.155	000100010010101	157.745	000010111100101	158.335	010010001100101
157.160	111000010010101	157.750	100100111100101	158.340	100010001100101
157.165	011000010010101	157.755	000100111100101	158.345	000010001100101
157.170	101000010010101	157.760	111000111100101	158.350	100100001100101
157.175	001000010010101	157.765	011000111100101	158.355	000100001100101
157.180	110000010010101	157.770	101000111100101	158.360	111000001100101
157.185	010000010010101	157.775	001000111100101	158.365	011000001100101
157.190	100000010010101	157.780	110000111100101	158.370	101000001100101
157.195	000000010010101	157.785	010000111100101	158.375	001000001100101
157.200	100111000100101	157.790	100000111100101	158.380	110000001100101
157.205	000111000100101	157.795	000000111100101	158.385	010000001100101
157.210	111011000100101	157.800	100111011100101	158.390	100000001100101
157.215	011011000100101	157.805	000111011100101	158.395	000000001100101
157.220	101011000100101	157.810	111011011100101	158.400	10011110100101
157.225	001011000100101	157.815	011011011100101	158.405	00011110100101
157.230	110011000100101	157.820	101011011100101	158.410	11101110100101
157.235	010011000100101	157.825	001011011100101	158.415	01101110100101
157.240	100011000100101	157.830	110011011100101	158.420	10101110100101
157.245	000011000100101	157.835	010011011100101	158.425	00101110100101
157.250	100101000100101	157.840	100011011100101	158.430	11001110100101
157.255	000101000100101	157.845	000011011100101	158.435	01001110100101
157.260	111001000100101	157.850	100101011100101	158.440	10001110100101
157.265	011001000100101	157.855	000101011100101	158.445	00001110100101
157.270	101001000100101	157.860	111001011100101	158.450	10010110100101
157.275	001001000100101	157.865	011001011100101	158.455	00010110100101
157.280	110001000100101	157.870	101001011100101	158.460	11100110100101
157.285	010001000100101	157.875	001001011100101	158.465	01100110100101
157.290	100001000100101	157.880	110001011100101	158.470	10100110100101
157.295	000001000100101	157.885	010001011100101	158.475	00100110100101
157.300	1001101000100101	157.890	100001011100101	158.480	11000110100101
157.305	0001101000100101	157.895	000001011100101	158.485	01000110100101
157.310	1110101000100101	157.900	100110011100101	158.490	10000110100101
157.315	0110101000100101	157.905	000110011100101	158.495	00000110100101
157.320	1010101000100101	157.910	111010011100101	158.500	10011010100101
157.325	0010101000100101	157.915	011010011100101	158.505	00011010100101
157.330	1100101000100101	157.920	101010011100101	158.510	11101010100101
157.335	0100101000100101	157.925	001010011100101	158.515	01101010100101
157.340	1000101000100101	157.930	110010011100101	158.520	10101010100101
157.345	0000101000100101	157.935	010010011100101	158.525	00101010100101
157.350	10010001000100101	157.940	100010011100101	158.530	11001010100101
157.355	00010001000100101	157.945	000010011100101	158.535	01001010100101
157.360	11100001000100101	157.950	100100011100101	158.540	10001010100101
157.365	01100001000100101	157.955	000100011100101	158.545	00001010100101
157.370	10100001000100101	157.960	111000011100101	158.550	10010010100101
157.375	00100001000100101	157.965	011000011100101	158.555	00010010100101
157.380	11000001000100101	157.970	101000011100101	158.560	1110000100101
157.385	01000001000100101	157.975	001000011100101	158.565	0110000100101
157.390	10000001000100101	157.980	110000011100101	158.570	1010000100101
157.395	00000001000100101	157.985	010000011100101	158.575	0010000100101
157.400	1001110000100101	157.990	100000011100101	158.580	1100000100101
157.405	0001110000100101	157.995	000000011100101	158.585	0100000100101
157.410	1110110000100101	158.000	10011101100100101	158.590	1000000100101
157.415	0110110000100101	158.005	00011101100100101	158.595	0000000100101
157.420	1010110000100101	158.010	11101101100100101	158.600	1001110100101
157.425	0010110000100101	158.015	01101101100100101	158.605	0001110100101
157.430	1100110000100101	158.020	10101101100100101	158.610	1110110100101
157.435	0100110000100101	158.025	00101101100100101	158.615	0110110100101
157.440	1000110000100101	158.030	11001101100100101	158.620	1010110100101
157.445	0000110000100101	158.035	01001101100100101	158.625	0010110100101
157.450	1001010000100101	158.040	10001101100100101	158.630	1100110100101
157.455	0001010000100101	158.045	00001101100100101	158.635	0100110100101
157.460	1110010000100101	158.050	10010101100100101	158.640	1000110100101
157.465	0110010000100101	158.055	00010101100100101	158.645	0000110100101
157.470	1010010000100101	158.060	11100101100100101	158.650	1001010100101
157.475	0010010000100101	158.065	01100101100100101	158.655	0001010100101
157.480	1100010000100101	158.070	10100101100100101	158.660	1110010100101
157.485	0100010000100101	158.075	00100101100100101	158.665	0110010100101
157.490	1000010000100101	158.080	11000101100100101	158.670	1010010100101
157.495	0000010000100101	158.085	01000101100100101	158.675	0010010100101
157.500	1001100000100101	158.090	10000101100100101	158.680	1100010100101
157.505	0001100000100101	158.095	00000101100100101	158.685	0100010100101
157.510	1110100000100101	158.100	100110101100100101	158.690	1000010100101
157.515	0110100000100101	158.105	000110101100100101	158.695	0000010100101
157.520	1010100000100101	158.110	111010101100100101	158.700	1001100100101
157.525	0010100000100101	158.115	011010101100100101	158.705	0001100100101
157.530	1100100000100101	158.120	101010101100100101	158.710	1110100100101
157.535	0100100000100101	158.125	001010101100100101	158.715	0110100100101
157.540	1000100000100101	158.130	110010101100100101	158.720	1010100100101
157.545	0000100000100101	158.135	010010101100100101	158.725	0010100100101
157.550	1001000000100101	158.140	100010101100100101	158.730	1100100100101
157.555	0001000000100101	158.145	000010101100100101	158.735	0100100100101
157.560	1110000000100101	158.150	100100101100100101	158.740	1000100100101
157.565	0110000000100101	158.155	000100101100100101	158.745	0000100100101
157.570	1010000000100101	158.160	111000101100100101	158.750	1001000100101
157.575	0010000000100101	158.165	011000101100100101	158.755	0001000100101
157.580	1100000000100101	158.170	101000101100100101	158.760	1110000100101
157.585	0100000000100101	158.175	001000101100100101	158.765	0110000100101
157.590	1000000000100101	158.180	110000101100100101	158.770	1010000100101
157.595	0000000000100101	158.185	010000101100100101	158.775	0010000100101
157.600	100111111100101	158.190	100000101100100101	158.780	1100000100101
157.605	000111111100101	158.195	000000101100100101	158.785	0100000100101
157.610	111011111100101	158.200	100111001100100101	158.790	1000000100101
157.615	011011111100101	158.205	000111001100100101	158.795	0000000100101
157.620	101011111100101	158.210	111011001100100101	158.800	10011100100101
157.625	001011111100101	158.215	011011001100100101	158.805	00011100100101
157.630	110011111100101	158.220	101011001100100101	158.810	11101100100101
157.635	010011111100101	158.225	001011001100100101	158.815	01101100100101
157.640	100011111100101	158.230	110011001100100101	158.820	10101100100101
157.645	000011111100101	158.235	010011001100100101	158.825	00101100100101
157.650	100101111100101	158.240	100011001100100101	158.830	11001100100101
157.655	000101111100101	158.245	000011001100100101	158.835	01001100100101
157.660	111001111100101	158.250	100101001100100101	158.840	10001100100101
157.665	011001111100101	158.255	000101001100100101	158.845	00001100100101

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
158.850	100101100100101	159.440	100011011000101	160.030	110011110000101
158.855	000101100100101	159.445	000011011000101	160.035	010011110000101
158.860	111001100100101	159.450	100101011000101	160.040	100011110000101
158.865	011001100100101	159.455	000101011000101	160.045	000011110000101
158.870	101001100100101	159.460	111001011000101	160.050	100101110000101
158.875	001001100100101	159.465	011001011000101	160.055	011001110000101
158.880	110001100100101	159.470	101001011000101	160.060	111001110000101
158.885	010001100100101	159.475	001001011000101	160.065	011001110000101
158.890	100001100100101	159.480	110001011000101	160.070	110011110000101
158.895	000001100100101	159.485	010001011000101	160.075	011001110000101
158.900	100110100100101	159.490	100001011000101	160.080	110001110000101
158.905	011010100100101	159.495	000010101000101	160.085	010001110000101
158.910	111010100100101	159.500	100110011000101	160.090	100001110000101
158.915	011010100100101	159.505	000110011000101	160.095	000001110000101
158.920	101010100100101	159.510	111010011000101	160.100	100110110000101
158.925	001010100100101	159.515	011010011000101	160.105	000110110000101
158.930	110010100100101	159.520	101010011000101	160.110	111010110000101
158.935	010010100100101	159.525	001010011000101	160.115	011010110000101
158.940	100010100100101	159.530	110010011000101	160.120	101010110000101
158.945	000010100100101	159.535	010010011000101	160.125	001010110000101
158.950	100100100100101	159.540	100100100100101	160.130	110010110000101
158.955	000100100100101	159.545	000010011000101	160.135	010010110000101
158.960	111000100100101	159.550	100100011000101	160.140	100010110000101
158.965	011000100100101	159.555	000100011000101	160.145	000010110000101
158.970	101000100100101	159.560	111000011000101	160.150	100100110000101
158.975	001000100100101	159.565	011000011000101	160.155	000100110000101
158.980	110000100100101	159.570	101000011000101	160.160	111000110000101
158.985	010000100100101	159.575	001000011000101	160.165	011000110000101
158.990	100000100100101	159.580	110000011000101	160.170	101000110000101
158.995	000000100100101	159.585	010000011000101	160.175	001000110000101
159.000	100110000100101	159.590	100000011000101	160.180	110000110000101
159.005	000110000100101	159.595	000000011000101	160.185	010000110000101
159.010	111010000100101	159.600	100111010000101	160.190	100000110000101
159.015	011010000100101	159.605	000111010000101	160.195	000000110000101
159.020	101010000100101	159.610	111011010000101	160.200	100111010000101
159.025	001010000100101	159.615	011011010000101	160.205	000111010000101
159.030	110010000100101	159.620	101011010000101	160.210	111011010000101
159.035	010010000100101	159.625	001011010000101	160.215	011011010000101
159.040	100010000100101	159.630	110011010000101	160.220	101011010000101
159.045	000010000100101	159.635	010011010000101	160.225	001011010000101
159.050	1001010000100101	159.640	100011010000101	160.230	110011010000101
159.055	0001010000100101	159.645	000011010000101	160.235	010011010000101
159.060	1110010000100101	159.650	100101010000101	160.240	100011010000101
159.065	0110010000100101	159.655	000101010000101	160.245	000011010000101
159.070	1010010000100101	159.660	111001010000101	160.250	100101010000101
159.075	0010010000100101	159.665	011001010000101	160.255	000101010000101
159.080	1100010000100101	159.670	101001010000101	160.260	111001010000101
159.085	0100010000100101	159.675	001001010000101	160.265	011001010000101
159.090	1000010000100101	159.680	110001010000101	160.270	101001010000101
159.095	0000010000100101	159.685	010001010000101	160.275	001001010000101
159.100	100110000100101	159.690	100001010000101	160.280	110000110000101
159.105	000110000100101	159.695	000001010000101	160.285	010001010000101
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159.115	011010000100101	159.705	000110100000101	160.295	000001010000101
159.120	101010000100101	159.710	111010100000101	160.300	100110010000101
159.125	001010000100101	159.715	011010100000101	160.305	000110010000101
159.130	110010000100101	159.720	101010100000101	160.310	111010010000101
159.135	010010000100101	159.725	001010100000101	160.315	011010010000101
159.140	100010000100101	159.730	110010100000101	160.320	101010010000101
159.145	000010000100101	159.735	010010100000101	160.325	001010010000101
159.150	100100000100101	159.740	100010100000101	160.330	110010010000101
159.155	000100000100101	159.745	000010100000101	160.335	010010010000101
159.160	111000000100101	159.750	100100100000101	160.340	100010010000101
159.165	011000000100101	159.755	000100100000101	160.345	000010010000101
159.170	101000000100101	159.760	111000100000101	160.350	100100100000101
159.175	001000000100101	159.765	011000100000101	160.355	000100010000101
159.180	110000000100101	159.770	101000100000101	160.360	111000010000101
159.185	010000000100101	159.775	001000100000101	160.365	011000010000101
159.190	100000000100101	159.780	110000100000101	160.370	101000010000101
159.195	000000000100101	159.785	010000100000101	160.375	001000010000101
159.200	100111111000101	159.790	100000101000101	160.380	110000010000101
159.205	000111111000101	159.795	000000101000101	160.385	010000010000101
159.210	111011111000101	159.800	100111001000101	160.390	100000010000101
159.215	011011111000101	159.805	000111001000101	160.395	000000010000101
159.220	101011111000101	159.810	111011001000101	160.400	100111000000101
159.225	001011111000101	159.815	011011001000101	160.405	000111000000101
159.230	110011111000101	159.820	101011001000101	160.410	111011000000101
159.235	010011111000101	159.825	001011001000101	160.415	011011000000101
159.240	100011111000101	159.830	110011001000101	160.420	101011000000101
159.245	000011111000101	159.835	010011001000101	160.425	001011000000101
159.250	100101111000101	159.840	100011001000101	160.430	110011000000101
159.255	000101111000101	159.845	000011001000101	160.435	010011000000101
159.260	111001111000101	159.850	100101001000101	160.440	100011000000101
159.265	011001111000101	159.855	000101001000101	160.445	000011000000101
159.270	101001111000101	159.860	111001001000101	160.450	100101000000101
159.275	001001111000101	159.865	011001001000101	160.455	000101000000101
159.280	110001111000101	159.870	101001001000101	160.460	111001000000101
159.285	010001111000101	159.875	001001001000101	160.465	011001000000101
159.290	100001111000101	159.880	110001001000101	160.470	101001000000101
159.295	000001111000101	159.885	010001001000101	160.475	001001000000101
159.300	100101111000101	159.890	100001001000101	160.480	110001000000101
159.305	000101111000101	159.895	000001001000101	160.485	010001000000101
159.310	111010111000101	159.900	100110001000101	160.490	100001000000101
159.315	011010111000101	159.905	000110001000101	160.495	000001000000101
159.320	101010111000101	159.910	111010001000101	160.500	100110000000101
159.325	001010111000101	159.915	011010001000101	160.505	000110000000101
159.330	110010111000101	159.920	101010001000101	160.510	111010000000101
159.335	010010111000101	159.925	001010001000101	160.515	011010000000101
159.340	100010111000101	159.930	110010001000101	160.520	101010000000101
159.345	000010111000101	159.935	010010001000101	160.525	001010000000101
159.350	100100111000101	159.940	100010001000101	160.530	110010000000101
159.355	000100111000101	159.945	000010001000101	160.535	010010000000101
159.360	111000111000101	159.950	100100001000101	160.540	100010000000101
159.365	011000111000101	159.955	000100001000101	160.545	000010000000101
159.370	101000111000101	159.960	111000001000101	160.550	100100000000101
159.375	001000111000101	159.965	011000001000101	160.555	000100000000101
159.380	110000111000101	159.970	101000001000101	160.560	111000000000101
159.385	010000111000101	159.975	001000001000101	160.565	011000000000101
159.390	100000111000101	159.980	110000001000101	160.570	101000000000101
159.395	000000111000101	159.985	010000001000101	160.575	001000000000101
159.400	100111011000101	159.990	100000001000101	160.580	110000000000101
159.405	000111011000101	159.995	000000001000101	160.585	010000000000101
159.410	111010101000101	160.000	100111110000101	160.590	100000000000101
159.415	011010101000101	160.005	000111110000101	160.595	000000000000101
159.420	101010101000101	160.010	111011110000101	160.600	10011100000000101
159.425	001010101000101	160.015	011011110000101	160.605	00011100000000101
159.430	110010101000101	160.020	101011110000101	160.610	11101100000000101
159.435	010010101000101	160.025	001011110000101	160.615	01101100000000101

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160.620	101011000000101	161.210	11101101111001	161.800	100111010111001
160.625	001011000000101	161.215	01101101111001	161.805	000111010111001
160.630	110011000000101	161.220	10101101111001	161.810	111011010111001
160.635	010011000000101	161.225	00101101111001	161.815	011011010111001
160.640	100011000000101	161.230	11001101111001	161.820	101011010111001
160.645	000011000000101	161.235	01001101111001	161.825	001011010111001
160.650	100101000000101	161.240	10001101111001	161.830	110011010111001
160.655	000101000000101	161.245	00001101111001	161.835	010011010111001
160.660	111001000000101	161.250	10010110111001	161.840	100011010111001
160.665	011001000000101	161.255	00101101111001	161.845	000011010111001
160.670	101001000000101	161.260	11100110111001	161.850	1001010111001
160.675	001001000000101	161.265	01100110111001	161.855	00101010111001
160.680	110001000000101	161.270	10100110111001	161.860	111001010111001
160.685	010001000000101	161.275	00100110111001	161.865	011001010111001
160.690	100001000000101	161.280	11000110111001	161.870	101001010111001
160.695	000001000000101	161.285	01000110111001	161.875	001001010111001
160.700	100110000000101	161.290	10000110111001	161.880	110001010111001
160.705	000110000000101	161.295	00000110111001	161.885	010001010111001
160.710	111010000000101	161.300	10011010111001	161.890	100001010111001
160.715	011010000000101	161.305	00011010111001	161.895	000001010111001
160.720	101010000000101	161.310	11101010111001	161.900	100110010111001
160.725	001010000000101	161.315	01101010111001	161.905	000110010111001
160.730	110010000000101	161.320	10101010111001	161.910	111010010111001
160.735	010010000000101	161.325	00101010111001	161.915	011010010111001
160.740	100010000000101	161.330	11001010111001	161.920	101010010111001
160.745	000010000000101	161.335	01001010111001	161.925	001010010111001
160.750	100100000000101	161.340	10001010111001	161.930	110010010111001
160.755	000100000000101	161.345	00001010111001	161.935	010010010111001
160.760	111000000000101	161.350	10010101111001	161.940	100010010111001
160.765	011000000000101	161.355	00010101111001	161.945	000010010111001
160.770	101000000000101	161.360	11100010111001	161.950	100100010111001
160.775	001000000000101	161.365	01100010111001	161.955	000100010111001
160.780	110000000000101	161.370	10100010111001	161.960	111000010111001
160.785	010000000000101	161.375	00100010111001	161.965	011000010111001
160.790	100000000000101	161.380	11000010111001	161.970	101000010111001
160.795	000000000000101	161.385	01000010111001	161.975	001000010111001
160.800	100111111111001	161.390	10000010111001	161.980	110000010111001
160.805	000111111111001	161.395	00000010111001	161.985	010000010111001
160.810	111011111111001	161.400	10011001111001	161.990	100000010111001
160.815	011011111111001	161.405	00011001111001	161.995	000000010111001
160.820	101011111111001	161.410	11101001111001	162.000	100111001

FREQUENCY	AR (RINARY)	FREQUENCY	AR (RINARY)	FREQUENCY	AR (RINARY)
162.396	10000000011001	162.980	1100001011001	163.570	101000010011001
162.398	000000000011001	162.985	01000010101001	163.575	001000010011001
162.400	100111111011001	162.990	10000010101001	163.580	110000010011001
162.405	000111111011001	162.995	00000010101001	163.585	01000010011001
162.410	111011111011001	163.000	10011100101001	163.590	100000010011001
162.415	011011111011001	163.005	00011100101001	163.595	000000010011001
162.420	101011111011001	163.010	11101100101001	163.600	10011100011001
162.425	001011111011001	163.015	01101100101001	163.605	00011100011001
162.430	110011111011001	163.020	10101100101001	163.610	11101100011001
162.435	010011111011001	163.025	00101100101001	163.615	01101100011001
162.440	100011111011001	163.030	11001100101001	163.620	10101100011001
162.445	000011111011001	163.035	01001100101001	163.625	00101100011001
162.450	100101111011001	163.040	10001100101001	163.630	11001100011001
162.455	000101111011001	163.045	00001100101001	163.635	01001100011001
162.460	111001111011001	163.050	10010100101001	163.640	10001100011001
162.465	011001111011001	163.055	00010100101001	163.645	00001100011001
162.470	101001111011001	163.060	11100100101001	163.650	10010100011001
162.475	001001111011001	163.065	01100100101001	163.655	00010100011001
162.480	110001111011001	163.070	10100100101001	163.660	11100100011001
162.485	010001111011001	163.075	00100100101001	163.665	01100100011001
162.490	100001111011001	163.080	11000100101001	163.670	10100100011001
162.495	000001111011001	163.085	01000100101001	163.675	00100100011001
162.500	100110111011001	163.090	10000100101001	163.680	11000100011001
162.505	000110111011001	163.095	00000100101001	163.685	01000100011001
162.510	111010111011001	163.100	10011000101001	163.690	10000100011001
162.515	011010111011001	163.105	00011000101001	163.695	00000100011001
162.520	101010111011001	163.110	11101000101001	163.700	10011000101001
162.525	001010111011001	163.115	01101000101001	163.705	00011000101001
162.530	110010111011001	163.120	11101000101001	163.710	11101000101001
162.535	010010111011001	163.125	00101000101001	163.715	01101000101001
162.540	100010111011001	163.130	11001000101001	163.720	10101000101001
162.545	000010111011001	163.135	01001000101001	163.725	00101000101001
162.550	100100111011001	163.140	10001000101001	163.730	11001000101001
162.555	000100111011001	163.145	00001000101001	163.735	01001000101001
162.560	111000111011001	163.150	10010000101001	163.740	10001000101001
162.565	011000111011001	163.155	00010000101001	163.745	00001000101001
162.570	101000111011001	163.160	11100000101001	163.750	10010000101001
162.575	001000111011001	163.165	01100000101001	163.755	00010000101001
162.580	110000111011001	163.170	10100000101001	163.760	11100000101001
162.585	010000111011001	163.175	00100000101001	163.765	01100000101001
162.590	100000111011001	163.180	11000000101001	163.770	10100000101001
162.595	000001111011001	163.185	01000000101001	163.775	00100000101001
162.600	100111011011001	163.190	10000000101001	163.780	11000000101001
162.605	000111011011001	163.195	00000000101001	163.785	01000000101001
162.610	111011011011001	163.200	10011110011001	163.790	10000000101001
162.615	011011011011001	163.205	00011110011001	163.795	00000000101001
162.620	101011011011001	163.210	11101110011001	163.800	10011100011001
162.625	001011011011001	163.215	01101110011001	163.805	00011100011001
162.630	110011011011001	163.220	10101110011001	163.810	11101100011001
162.635	010011011011001	163.225	00101110011001	163.815	01101100011001
162.640	100011011011001	163.230	11001110011001	163.820	10101100011001
162.645	000011011011001	163.235	01001110011001	163.825	00101100011001
162.650	100101011011001	163.240	10001110011001	163.830	11001100011001
162.655	000101011011001	163.245	00001110011001	163.835	01001100011001
162.660	111001011011001	163.250	10010110011001	163.840	10001100011001
162.665	011001011011001	163.255	00010110011001	163.845	00001100011001
162.670	101001011011001	163.260	11100110011001	163.850	10010100011001
162.675	001001011011001	163.265	01100110011001	163.855	00010100011001
162.680	110001011011001	163.270	10100110011001	163.860	11100100011001
162.685	010001011011001	163.275	00100110011001	163.865	01100100011001
162.690	100001011011001	163.280	11000110011001	163.870	10100100011001
162.695	000001011011001	163.285	01000110011001	163.875	00100100011001
162.700	100110011011001	163.290	10000110011001	163.880	11000100011001
162.705	000110011011001	163.295	00000110011001	163.885	01000100011001
162.710	111010011011001	163.300	10011010011001	163.890	10000100011001
162.715	011010011011001	163.305	00011010011001	163.895	00000100011001
162.720	101010011011001	163.310	11101010011001	163.900	10011000011001
162.725	001010011011001	163.315	01101010011001	163.905	00011000011001
162.730	110010011011001	163.320	10101010011001	163.910	11101000011001
162.735	010010011011001	163.325	00101010011001	163.915	01101000011001
162.740	100010011011001	163.330	11001010011001	163.920	10101000011001
162.745	000010011011001	163.335	01001010011001	163.925	00101000011001
162.750	100100011011001	163.340	10001010011001	163.930	11001000011001
162.755	000100011011001	163.345	00001010011001	163.935	01001000011001
162.760	111000011011001	163.350	10010010011001	163.940	10001000011001
162.765	011000011011001	163.355	00010010011001	163.945	00001000011001
162.770	101000011011001	163.360	11100010011001	163.950	10010000011001
162.775	001000011011001	163.365	01100010011001	163.955	00010000011001
162.780	110000011011001	163.370	10100010011001	163.960	11100000011001
162.785	010000011011001	163.375	00100010011001	163.965	01100000011001
162.790	100000011011001	163.380	11000010011001	163.970	10100000011001
162.795	000000011011001	163.385	01000010011001	163.975	00100000011001
162.800	1001111011011001	163.390	10000010011001	163.980	11000000011001
162.805	0001111011011001	163.395	00000010011001	163.985	01000000011001
162.810	1110111011011001	163.400	10011101011001	163.990	10000000011001
162.815	0110111011011001	163.405	00011101011001	163.995	00000000011001
162.820	1010111011011001	163.410	11101101011001	164.000	10011111101001
162.825	0010111011011001	163.415	01101101011001	164.005	00011111101001
162.830	1100111011011001	163.420	10101101011001	164.010	11101111101001
162.835	0100111011011001	163.425	00101101011001	164.015	01101111101001
162.840	1000111011011001	163.430	11001101011001	164.020	10101111101001
162.845	0000111011011001	163.435	01001101011001	164.025	00011111101001
162.850	1001011011011001	163.440	10001101011001	164.030	11001111101001
162.855	0001011011011001	163.445	00001101011001	164.035	01001111101001
162.860	1110011011011001	163.450	10010101011001	164.040	10001111101001
162.865	0110011011011001	163.455	00010101011001	164.045	00001111101001
162.870	1010011011011001	163.460	11100101011001	164.050	10010111101001
162.875	0010011011011001	163.465	01100101011001	164.055	00010111101001
162.880	1100011011011001	163.470	10100101011001	164.060	11100111101001
162.885	0100011011011001	163.475	00100101011001	164.065	01100111101001
162.890	1000011011011001	163.480	11000101011001	164.070	10100111101001
162.895	0000011011011001	163.485	01000101011001	164.075	00010111101001
162.900	1001101011011001	163.490	10000101011001	164.080	11000111101001
162.905	0001101011011001	163.495	00000101011001	164.085	01000111101001
162.910	1110101011011001	163.500	10011001011001	164.090	10000111101001
162.915	0110101011011001	163.505	00011001011001	164.095	00000111101001
162.920	1010101011011001	163.510	11101001011001	164.100	10010111101001
162.925	0010101011011001	163.515	01101001011001	164.105	00010111101001
162.930	1100101011011001	163.520	10101001011001	164.110	11101011101001
162.935	0100101011011001	163.525	00101001011001	164.115	01101011101001
162.940	1000101011011001	163.530	11001001011001	164.120	10101011101001
162.945	0000101011011001	163.535	01001001011001	164.125	00010101101001
162.950	1001001011011001	163.540	10001001011001	164.130	11001011101001
162.955	0001001011011001	163.545	00001001011001	164.135	01001011101001
162.960	1110001011011001	163.550	10010001011001	164.140	10001011101001
162.965	0110001011011001	163.555	00010001011001	164.145	00001011101001
162.970	1010001011011001	163.560	11100001011001	164.150	10010011101001
162.975	0010001011011001	163.565	01100001011001	164.155	00010011101001

FREQUENCY	AR(BINARY)	FREQUENCY	AR(BINARY)	FREQUENCY	AR(BINARY)
164.160	111000111101001	164.750	1001001001101001	165.340	100010100101001
164.165	0111000111101001	164.755	000100001101001	165.345	000010100101001
164.170	101000111101001	164.760	111000001101001	165.350	100100100101001
164.175	0010000111101001	164.765	011000001101001	165.355	000100100101001
164.180	110000111101001	164.770	101000001101001	165.360	111000100101001
164.185	010000111101001	164.775	001000001101001	165.365	011000100101001
164.190	100000111101001	164.780	110000001101001	165.370	101000100101001
164.195	000000111101001	164.785	010000001101001	165.375	001000100101001
164.200	10011011101001	164.790	100000001101001	165.380	110000100101001
164.205	00011011101001	164.795	000000001101001	165.385	010000100101001
164.210	11101011101001	164.800	10011110101001	165.390	100000100101001
164.215	01101011101001	164.805	00011110101001	165.395	000000100101001
164.220	10101011101001	164.810	11101110101001	165.400	10011000101001
164.225	00101011101001	164.815	01101110101001	165.405	00011000101001
164.230	11001011101001	164.820	10101110101001	165.410	111011000101001
164.235	01001011101001	164.825	00101110101001	165.415	011011000101001
164.240	10001011101001	164.830	11001110101001	165.420	101011000101001
164.245	00001011101001	164.835	01001110101001	165.425	001011000101001
164.250	100101011101001	164.840	10001110101001	165.430	110011000101001
164.255	000101011101001	164.845	00001110101001	165.435	010011000101001
164.260	111001011101001	164.850	10010110101001	165.440	100011000101001
164.265	011001011101001	164.855	00010110101001	165.445	000011000101001
164.270	101001011101001	164.860	11100110101001	165.450	000101000101001
164.275	001001011101001	164.865	01100110101001	165.455	000101000101001
164.280	110001011101001	164.870	10100110101001	165.460	111001000101001
164.285	010001011101001	164.875	00100110101001	165.465	011001000101001
164.290	100001011101001	164.880	11000110101001	165.470	101001000101001
164.295	000001011101001	164.885	01000110101001	165.475	001001000101001
164.300	10010011101001	164.890	10000110101001	165.480	110001000101001
164.305	00010011101001	164.895	00000110101001	165.485	010001000101001
164.310	11101011101001	164.900	10011010101001	165.490	100001000101001
164.315	01101011101001	164.905	00011010101001	165.495	000001000101001
164.320	10101011101001	164.910	11101010101001	165.500	100110000101001
164.325	00101011101001	164.915	01101010101001	165.505	000110000101001
164.330	11001011101001	164.920	10101010101001	165.510	111010000101001
164.335	01001011101001	164.925	00101010101001	165.515	011010000101001
164.340	10001011101001	164.930	11001010101001	165.520	101010000101001
164.345	00001011101001	164.935	01001010101001	165.525	001010000101001
164.350	100100011101001	164.940	10001010101001	165.530	110010000101001
164.355	000100011101001	164.945	00001010101001	165.535	010010000101001
164.360	111000011101001	164.950	10010010101001	165.540	100010000101001
164.365	011000011101001	164.955	00010010101001	165.545	000010000101001
164.370	101000011101001	164.960	11100010101001	165.550	100100000101001
164.375	001000011101001	164.965	01100010101001	165.555	000100000101001
164.380	110000011101001	164.970	10100010101001	165.560	111000000101001
164.385	010000011101001	164.975	00100010101001	165.565	011000000101001
164.390	100000011101001	164.980	11000010101001	165.570	101000000101001
164.395	000000011101001	164.985	01000010101001	165.575	001000000101001
164.400	100111101101001	164.990	10000010101001	165.580	110000000101001
164.405	000111101101001	164.995	00000010101001	165.585	010000000101001
164.410	111011101101001	165.000	10011010101001	165.590	100000000101001
164.415	011011101101001	165.005	00011010101001	165.595	000000000101001
164.420	101011101101001	165.010	11101010101001	165.600	10011111001001
164.425	001011101101001	165.015	01101010101001	165.605	00011111001001
164.430	110011101101001	165.020	10101010101001	165.610	11101111001001
164.435	010011101101001	165.025	00101010101001	165.615	01101111001001
164.440	100011101101001	165.030	11001010101001	165.620	10101111001001
164.445	000011101101001	165.035	01001010101001	165.625	00101111001001
164.450	100101011101001	165.040	10001010101001	165.630	11101111001001
164.455	000101011101001	165.045	00001010101001	165.635	01001111001001
164.460	111001011101001	165.050	100101010101001	165.640	10001111001001
164.465	011001011101001	165.055	000101010101001	165.645	00001111001001
164.470	101001011101001	165.060	111001010101001	165.650	10010111001001
164.475	001001011101001	165.065	011001010101001	165.655	00010111001001
164.480	110001011101001	165.070	101001010101001	165.660	11100111001001
164.485	010001011101001	165.075	001001010101001	165.665	01100111001001
164.490	100001011101001	165.080	110001010101001	165.670	10100111001001
164.495	000001011101001	165.085	010001010101001	165.675	00100111001001
164.500	100110101101001	165.090	100001010101001	165.680	11000111001001
164.505	000110101101001	165.095	000001010101001	165.685	01000111001001
164.510	111010101101001	165.100	100110010101001	165.690	10000111001001
164.515	011010101101001	165.105	000110010101001	165.695	00000111001001
164.520	101010101101001	165.110	111010010101001	165.700	10011011001001
164.525	001010101101001	165.115	011010010101001	165.705	00011011001001
164.530	110010101101001	165.120	101010010101001	165.710	11101011001001
164.535	010010101101001	165.125	001010010101001	165.715	01101011001001
164.540	100010101101001	165.130	110010010101001	165.720	10101011001001
164.545	000010101101001	165.135	010010010101001	165.725	00101011001001
164.550	100100010101001	165.140	100010010101001	165.730	11001011001001
164.555	000100010101001	165.145	000010010101001	165.735	01001011001001
164.560	111000010101001	165.150	100100010101001	165.740	10001011001001
164.565	011000010101001	165.155	000100010101001	165.745	00001011001001
164.570	101000010101001	165.160	111000010101001	165.750	10010011001001
164.575	001000010101001	165.165	011000010101001	165.755	00010011001001
164.580	110000010101001	165.170	101000010101001	165.760	11100011001001
164.585	010000010101001	165.175	001000010101001	165.765	01100011001001
164.590	100000010101001	165.180	110000010101001	165.770	10100011001001
164.595	000000010101001	165.185	010000010101001	165.775	00100011001001
164.600	1001100010101001	165.190	100000010101001	165.780	11000011001001
164.605	0001100010101001	165.195	000000010101001	165.785	01000011001001
164.610	1110100010101001	165.200	100111000101001	165.790	10000011001001
164.615	0110100010101001	165.205	000111000101001	165.795	00000011001001
164.620	1010100010101001	165.210	111011000101001	165.800	10011010001001
164.625	0010100010101001	165.215	011011000101001	165.805	00011010001001
164.630	1100100010101001	165.220	101011000101001	165.810	11101010001001
164.635	0100100010101001	165.225	001011000101001	165.815	01101010001001
164.640	1000100010101001	165.230	110011000101001	165.820	10101010001001
164.645	0000100010101001	165.235	010011000101001	165.825	00101010001001
164.650	100100010101001	165.240	100011000101001	165.830	11001010001001
164.655	000100010101001	165.245	000011000101001	165.835	01001010001001
164.660	111000010101001	165.250	100101000101001	165.840	10001010001001
164.665	011000010101001	165.255	000101000101001	165.845	00001010001001
164.670	101000010101001	165.260	111001000101001	165.850	10010100001001
164.675	001000010101001	165.265	011001000101001	165.855	00010100001001
164.680	110000010101001	165.270	101001000101001	165.860	11100100001001
164.685	010000010101001	165.275	001001000101001	165.865	01100100001001
164.690	100000010101001	165.280	110001000101001	165.870	10100100001001
164.695	000000010101001	165.285	010001000101001	165.875	00100100001001
164.700	1001100010101001	165.290	100001000101001	165.880	11000100001001
164.705	0001100010101001	165.295	000001000101001	165.885	01000100001001
164.710	1110100010101001	165.300	100110000101001	165.890	10000100001001
164.715	0110100010101001	165.305	000110000101001	165.895	00000100001001
164.720	1010100010101001	165.310	111010000101001	165.900	100110000101001
164.725	0010100010101001	165.315	011010000101001	165.905	000110000101001
164.730	1100100010101001	165.320	101010000101001	165.910	111010000101001
164.735	0100100010101001	165.325	001010000101001	165.915	011010000101001
164.740	1000100010101001	165.330	110010000101001	165.920	101010000101001
164.745	0000100010101001	165.335	010010000101001	165.925	001010000101001

FREQUENCY	AB (BINARY)	FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)
165.930	1010011001001	166.520	101010110001001	167.110	111010000001001
165.935	010010011001001	166.525	001010110001001	167.115	011010000001001
165.940	100010011001001	166.530	110010110001001	167.120	101010000001001
165.945	000010011001001	166.535	010010110001001	167.125	001010000001001
165.950	100100011001001	166.540	100010110001001	167.130	110010000001001
165.955	000100011001001	166.545	000010110001001	167.135	010010000001001
165.960	111000011001001	166.550	100100110001001	167.140	100010000001001
165.965	011000011001001	166.555	000100110001001	167.145	000010000001001
165.970	101000011001001	166.560	111000110001001	167.150	100100000001001
165.975	001000011001001	166.565	011000110001001	167.155	000100000001001
165.980	110000011001001	166.570	101000110001001	167.160	111000000001001
165.985	010000011001001	166.575	001000110001001	167.165	011000000001001
165.990	100000011001001	166.580	110000110001001	167.170	101000000001001
165.995	000000011001001	166.585	010000110001001	167.175	001000000001001
166.000	100111101001001	166.590	100000110001001	167.180	110000000001001
166.005	000111101001001	166.595	000000110001001	167.185	010000000001001
166.010	111011101001001	166.600	100111010001001	167.190	100000000001001
166.015	011011101001001	166.605	000111010001001	167.195	000000000001001
166.020	101011101001001	166.610	1110111010001001	167.200	100111111110001
166.025	001011101001001	166.615	0110111010001001	167.205	000111111110001
166.030	110011101001001	166.620	1010111010001001	167.210	111011111110001
166.035	010011101001001	166.625	0010111010001001	167.215	011011111110001
166.040	100111101001001	166.630	1100111010001001	167.220	101011111110001
166.045	000111101001001	166.635	0100111010001001	167.225	001011111110001
166.050	10010101001001	166.640	1000111010001001	167.230	110011111110001
166.055	00010101001001	166.645	000011010001001	167.235	010011111110001
166.060	11100101001001	166.650	100101010001001	167.240	100011111110001
166.065	01100101001001	166.655	000101010001001	167.245	000011111110001
166.070	10100101001001	166.660	111001010001001	167.250	100101111110001
166.075	00100101001001	166.665	011001010001001	167.255	000101111110001
166.080	11000101001001	166.670	101001010001001	167.260	111001111110001
166.085	01000101001001	166.675	001001010001001	167.265	011001111110001
166.090	10000101001001	166.680	110001010001001	167.270	101001111110001
166.095	00000101001001	166.685	010001010001001	167.275	001001111110001
166.100	100110101001001	166.690	100001010001001	167.280	110001111110001
166.105	000110101001001	166.695	000001010001001	167.285	010001111110001
166.110	111010101001001	166.700	100110010001001	167.290	100001111110001
166.115	011010101001001	166.705	000110010001001	167.295	000001111110001
166.120	101010101001001	166.710	111010100010001	167.300	100101011110001
166.125	001010101001001	166.715	011010100010001	167.305	000101011110001
166.130	110010101001001	166.720	101010100010001	167.310	111010111110001
166.135	010010101001001	166.725	001010100010001	167.315	011010111110001
166.140	100010101001001	166.730	110010100010001	167.320	101010111110001
166.145	000010101001001	166.735	010010100010001	167.325	001010111110001
166.150	100100101001001	166.740	100010100010001	167.330	110010111110001
166.155	000100101001001	166.745	000010010001001	167.335	010010111110001
166.160	111000101001001	166.750	100100010001001	167.340	100010111110001
166.165	011000101001001	166.755	000100010001001	167.345	000010111110001
166.170	101000101001001	166.760	111000100010001	167.350	100100111110001
166.175	001000101001001	166.765	011000100010001	167.355	000100111110001
166.180	110000101001001	166.770	101000100010001	167.360	111000111110001
166.185	010000101001001	166.775	001000100010001	167.365	011000111110001
166.190	100000101001001	166.780	110000100010001	167.370	101000111110001
166.195	000000101001001	166.785	010000100010001	167.375	001000111110001
166.200	100111001001001	166.790	100000010001001	167.380	110000111110001
166.205	000111001001001	166.795	000000010001001	167.385	010000111110001
166.210	111011001001001	166.800	100111100001001	167.390	100000111110001
166.215	011011001001001	166.805	000111100001001	167.395	000001111110001
166.220	101011001001001	166.810	111011100001001	167.400	100110101110001
166.225	001011001001001	166.815	011011100001001	167.405	000110101110001
166.230	110011001001001	166.820	101011100001001	167.410	111010101110001
166.235	010011001001001	166.825	001011100001001	167.415	011010101110001
166.240	100011001001001	166.830	110011100001001	167.420	101010101110001
166.245	000011001001001	166.835	010011100001001	167.425	001010101110001
166.250	100101001001001	166.840	100011100001001	167.430	110010101110001
166.255	000101001001001	166.845	000011100001001	167.435	010010101110001
166.260	111001001001001	166.850	100101100001001	167.440	100010101110001
166.265	011001001001001	166.855	000101100001001	167.445	000010101110001
166.270	101001001001001	166.860	111001100001001	167.450	100101011110001
166.275	001001001001001	166.865	011001100001001	167.455	000101011110001
166.280	110001001001001	166.870	101001100001001	167.460	111001011110001
166.285	010001001001001	166.875	001001100001001	167.465	011001011110001
166.290	100001001001001	166.880	110001100001001	167.470	101001011110001
166.295	000001001001001	166.885	010001100001001	167.475	001001011110001
166.300	100110001001001	166.890	100001100001001	167.480	110001011110001
166.305	000110001001001	166.895	000001100001001	167.485	010001011110001
166.310	111010001001001	166.900	100110100001001	167.490	100001011110001
166.315	011010001001001	166.905	000110100001001	167.495	000001011110001
166.320	101010001001001	166.910	111010100001001	167.500	100110101110001
166.325	001010001001001	166.915	011010100001001	167.505	000110101110001
166.330	110010001001001	166.920	101010100001001	167.510	111010101110001
166.335	010010001001001	166.925	001010100001001	167.515	011010101110001
166.340	100010001001001	166.930	110010100001001	167.520	101010101110001
166.345	000010001001001	166.935	010010100001001	167.525	001010101110001
166.350	100100001001001	166.940	100010100001001	167.530	110010101110001
166.355	000100001001001	166.945	000010100001001	167.535	010010101110001
166.360	111000001001001	166.950	100100100001001	167.540	100010101110001
166.365	011000001001001	166.955	000100100001001	167.545	000010101110001
166.370	101000001001001	166.960	111000100001001	167.550	100100101110001
166.375	001000001001001	166.965	011000100001001	167.555	000100101110001
166.380	110000001001001	166.970	101000100001001	167.560	111000101110001
166.385	010000001001001	166.975	001000100001001	167.565	011000101110001
166.390	100000001001001	166.980	110000100001001	167.570	101000101110001
166.395	000000001001001	166.985	010000100001001	167.575	001000101110001
166.400	1001111110001001	166.990	100000100001001	167.580	110000101110001
166.405	0001111110001001	166.995	000000100001001	167.585	010000101110001
166.410	1110111110001001	167.000	100111000001001	167.590	100000101110001
166.415	0110111110001001	167.005	000111000001001	167.595	000000101110001
166.420	1010111110001001	167.010	111011000001001	167.600	1001110110001001
166.425	0010111110001001	167.015	011011000001001	167.605	0001110110001001
166.430	1100111110001001	167.020	101011000001001	167.610	1110110110001001
166.435	0100111110001001	167.025	001011000001001	167.615	0110110110001001
166.440	1000111110001001	167.030	110011000001001	167.620	1010110110001001
166.445	0000111110001001	167.035	010011000001001	167.625	0010110110001001
166.450	1001011110001001	167.040	100011000001001	167.630	1100110110001001
166.455	0001011110001001	167.045	000011000001001	167.635	0100110110001001
166.460	1110011110001001	167.050	100101000001001	167.640	1000110110001001
166.465	0110011110001001	167.055	000101000001001	167.645	0000110110001001
166.470	1010011110001001	167.060	111001000001001	167.650	1001010110001001
166.475	0010011110001001	167.065	011001000001001	167.655	0001010110001001
166.480	1100011110001001	167.070	101001000001001	167.660	1110010110001001
166.485	0100011110001001	167.075	001001000001001	167.665	0110010110001001
166.490	1000011110001001	167.080	110001000001001	167.670	1010010110001001
166.495	0000011110001001	167.085	010001000001001	167.675	0010010110001001
166.500	1001101110001001	167.090	100001000001001	167.680	1100010110001001
166.505	0001101110001001	167.095	000001000001001	167.685	0100010110001001
166.510	1110101110001001	167.100	100110000001001	167.690	1000010110001001
166.515	0110101110001001	167.105	000110000001001	167.695	0000010110001001

FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)
167.700	100110101110001	168.290	100001010110001	168.880	110001111010001
167.705	000110101110001	168.295	000001010110001	168.885	010001111010001
167.710	111010101110001	168.300	100110010110001	168.890	100001111010001
167.715	011010101110001	168.305	000110010110001	168.895	000001111010001
167.720	101010101110001	168.310	111010010110001	168.900	100110111010001
167.725	001010101110001	168.315	011010010110001	168.905	000110111010001
167.730	110010101110001	168.320	101010010110001	168.910	111010111010001
167.735	010010101110001	168.325	001010010110001	168.915	011010111010001
167.740	100010101110001	168.330	110010010110001	168.920	101010111010001
167.745	000010101110001	168.335	010010010110001	168.925	001010111010001
167.750	100100101110001	168.340	100010010110001	168.930	110010111010001
167.755	000100101110001	168.345	000010010110001	168.935	010010111010001
167.760	111000101110001	168.350	100100101110001	168.940	100010111010001
167.765	011000101110001	168.355	000100010110001	168.945	000010111010001
167.770	101000101110001	168.360	111000010110001	168.950	100100111010001
167.775	001000101110001	168.365	011000010110001	168.955	000100111010001
167.780	110000101110001	168.370	101000010110001	168.960	111000111010001
167.785	010000101110001	168.375	001000010110001	168.965	011000111010001
167.790	100000101110001	168.380	110000010110001	168.970	101000111010001
167.795	000000101110001	168.385	010000010110001	168.975	001000111010001
167.800	100111001110001	168.390	100000010110001	168.980	110000111010001
167.805	000111001110001	168.395	000000010110001	168.985	010000111010001
167.810	111011001110001	168.400	100111001110001	168.990	100000111010001
167.815	011011001110001	168.405	000111001110001	168.995	000000111010001
167.820	101011001110001	168.410	111011001110001	169.000	100111011101001
167.825	001011001110001	168.415	011011001110001	169.005	000111011101001
167.830	110011001110001	168.420	101011001110001	169.010	111011011101001
167.835	010011001110001	168.425	001011001110001	169.015	011011011101001
167.840	100011001110001	168.430	110011001110001	169.020	101011011101001
167.845	000011001110001	168.435	010011001110001	169.025	001011011101001
167.850	100101001110001	168.440	100011001110001	169.030	110011011101001
167.855	000101001110001	168.445	000011001110001	169.035	010011011101001
167.860	111001001110001	168.450	100101001110001	169.040	100011011101001
167.865	011001001110001	168.455	000101001110001	169.045	000011011101001
167.870	101001001110001	168.460	111001001110001	169.050	100101011101001
167.875	001001001110001	168.465	011001001110001	169.055	000101011101001
167.880	110001001110001	168.470	101001001110001	169.060	111001011101001
167.885	010001001110001	168.475	001001001110001	169.065	011001011101001
167.890	100001001110001	168.480	110001001110001	169.070	101001011101001
167.895	000001001110001	168.485	010001001110001	169.075	001001011101001
167.900	100110001110001	168.490	100001001110001	169.080	110000111010001
167.905	000110001110001	168.495	000001001110001	169.085	010000111010001
167.910	111010001110001	168.500	100110001110001	169.090	100000111010001
167.915	011010001110001	168.505	000110001110001	169.095	000000111010001
167.920	101010001110001	168.510	111010001110001	169.100	1001100011101001
167.925	001010001110001	168.515	011010001110001	169.105	0001100011101001
167.930	110010001110001	168.520	101010001110001	169.110	1110100011101001
167.935	010010001110001	168.525	001010001110001	169.115	0110100011101001
167.940	100010001110001	168.530	110010001110001	169.120	1010100011101001
167.945	000010001110001	168.535	010010001110001	169.125	0010100011101001
167.950	100100001110001	168.540	100010001110001	169.130	1100100011101001
167.955	000100001110001	168.545	000010001110001	169.135	0100100011101001
167.960	111000001110001	168.550	100100001110001	169.140	1000100011101001
167.965	011000001110001	168.555	000100001110001	169.145	0000100011101001
167.970	101000001110001	168.560	111000001110001	169.150	1001000011101001
167.975	001000001110001	168.565	011000001110001	169.155	0001000011101001
167.980	110000001110001	168.570	101000001110001	169.160	1110000011101001
167.985	010000001110001	168.575	001000001110001	169.165	0110000011101001
167.990	100000001110001	168.580	110000001110001	169.170	1010000011101001
167.995	000000001110001	168.585	010000001110001	169.175	0010000011101001
168.000	100111110110001	168.590	100000001110001	169.180	1100000011101001
168.005	000111110110001	168.595	000000001110001	169.185	0100000011101001
168.010	111011110110001	168.600	1001110001110001	169.190	1000000011101001
168.015	011011110110001	168.605	0001110001110001	169.195	0000000011101001
168.020	101011110110001	168.610	1110110001110001	169.200	10011100011101001
168.025	001011110110001	168.615	0110110001110001	169.205	00011100011101001
168.030	110011110110001	168.620	1010110001110001	169.210	11101100011101001
168.035	010011110110001	168.625	0010110001110001	169.215	01101100011101001
168.040	100011110110001	168.630	1100110001110001	169.220	10101100011101001
168.045	000011110110001	168.635	0100110001110001	169.225	00101100011101001
168.050	100101110110001	168.640	1000110001110001	169.230	11001100011101001
168.055	000101110110001	168.645	0000110001110001	169.235	01001100011101001
168.060	111001110110001	168.650	1001010001110001	169.240	10001100011101001
168.065	011001110110001	168.655	0001010001110001	169.245	00001100011101001
168.070	101001110110001	168.660	1110010001110001	169.250	10010100011101001
168.075	001001110110001	168.665	0110010001110001	169.255	00010100011101001
168.080	110001110110001	168.670	1010010001110001	169.260	11100100011101001
168.085	010001110110001	168.675	0010010001110001	169.265	01100100011101001
168.090	100001110110001	168.680	1100010001110001	169.270	10100100011101001
168.095	000001110110001	168.685	0100010001110001	169.275	00100100011101001
168.100	100110110110001	168.690	1000100001110001	169.280	11000100011101001
168.105	000110110110001	168.695	0000100001110001	169.285	01000100011101001
168.110	111010110110001	168.700	1001100001110001	169.290	10000100011101001
168.115	011010110110001	168.705	0001100001110001	169.295	00000100011101001
168.120	101010110110001	168.710	1110100001110001	169.300	10011000011101001
168.125	001010110110001	168.715	0110100001110001	169.305	00011000011101001
168.130	110010110110001	168.720	1010100001110001	169.310	11101000011101001
168.135	010010110110001	168.725	0010100001110001	169.315	01101000011101001
168.140	100010110110001	168.730	1100100001110001	169.320	10101000011101001
168.145	000010110110001	168.735	0100100001110001	169.325	00101000011101001
168.150	100100110110001	168.740	1000100001110001	169.330	11001000011101001
168.155	000100110110001	168.745	0000100001110001	169.335	01001000011101001
168.160	111000110110001	168.750	1001000001110001	169.340	10001000011101001
168.165	011000110110001	168.755	0001000001110001	169.345	00001000011101001
168.170	101000110110001	168.760	1110000001110001	169.350	10010000011101001
168.175	001000110110001	168.765	0110000001110001	169.355	00010000011101001
168.180	110000110110001	168.770	1010000001110001	169.360	11100000011101001
168.185	010000110110001	168.775	0010000001110001	169.365	01100000011101001
168.190	100000110110001	168.780	1100000001110001	169.370	10100000011101001
168.195	000000110110001	168.785	0100000001110001	169.375	00100000011101001
168.200	100111010110001	168.790	1000000001110001	169.380	11000000011101001
168.205	000111010110001	168.795	0000000001110001	169.385	01000000011101001
168.210	111011010110001	168.800	100111110101001	169.390	10000000011101001
168.215	011011010110001	168.805	000111110101001	169.395	00000000011101001
168.220	101011010110001	168.810	111011110101001	169.400	10011100011101001
168.225	001011010110001	168.815	011011110101001	169.405	00011100011101001
168.230	110011010110001	168.820	101011110101001	169.410	11101100011101001
168.235	010011010110001	168.825	001011110101001	169.415	01101100011101001
168.240	100011010110001	168.830	110011110101001	169.420	10101100011101001
168.245	000011010110001	168.835	010011110101001	169.425	00101100011101001
168.250	100101010110001	168.840	100011110101001	169.430	11001100011101001
168.255	000101010110001	168.845	000011110101001	169.435	01001100011101001
168.260	111001010110001	168.850	100101110101001	169.440	10001100011101001
168.265	011001010110001	168.855	000101110101001	169.445	00001100011101001
168.270	101001010110001	168.860	111001110101001	169.450	10010000011101001
168.275	001001010110001	168.865	011001110101001	169.455	00010000011101001
168.280	110001010110001	168.870	101001110101001	169.460	11100000011101001
168.285	010001010110001	168.875	001001110101001	169.465	01100000011101001

FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)
169.470	101001001010001	169.650	100101110010001	169.830	110011010010001
169.475	001001001010001	169.655	000101110010001	169.835	010011010010001
169.480	110001001010001	169.660	111001110010001	169.840	100011010010001
169.485	010001001010001	169.665	011001110010001	169.845	000011010010001
169.490	100001001010001	169.670	101001110010001	169.850	100101010010001
169.495	000001001010001	169.675	001001110010001	169.855	000101010010001
169.500	100110001010001	169.680	110001110010001	169.860	111001010010001
169.505	000110001010001	169.685	010001110010001	169.865	011001010010001
169.510	111010001010001	169.690	100001110010001	169.870	101001010010001
169.515	011010001010001	169.695	000001110010001	169.875	001001010010001
169.520	101010001010001	169.700	100110110010001	169.880	110001010010001
169.525	001010001010001	169.705	000110110010001	169.885	010001010010001
169.530	110010001010001	169.710	111010110010001	169.890	100001010010001
169.535	010010001010001	169.715	011010110010001	169.895	000001010010001
169.540	100010001010001	169.720	101010110010001	169.900	100110010010001
169.545	000010001010001	169.725	001010110010001	169.905	000110010010001
169.550	100100001010001	169.730	110010110010001	169.910	111010010010001
169.555	000100001010001	169.735	010010110010001	169.915	011010010010001
169.560	111000001010001	169.740	100010110010001	169.920	101010010010001
169.565	011000001010001	169.745	000010110010001	169.925	001010010010001
169.570	101000001010001	169.750	100100110010001	169.930	110010010010001
169.575	001000001010001	169.755	000100110010001	169.935	010010010010001
169.580	110000001010001	169.760	111000110010001	169.940	100010010010001
169.585	010000001010001	169.765	011000110010001	169.945	000010010010001
169.590	100000001010001	169.770	101000110010001	169.950	100100010010001
169.595	000000001010001	169.775	001000110010001	169.955	000100010010001
169.600	100111110010001	169.780	110000110010001	169.960	111000010010001
169.605	000111110010001	169.785	010000110010001	169.965	011000010010001
169.610	111011110010001	169.790	100000110010001	169.970	101000010010001
169.615	011011110010001	169.795	000000110010001	169.975	001000010010001
169.620	101011110010001	169.800	100111010010001	169.980	110000010010001
169.625	001011110010001	169.805	000111010010001	169.985	010000010010001
169.630	110011110010001	169.810	111011010010001	169.990	100000010010001
169.635	010011110010001	169.815	011011010010001	169.995	000000010010001
169.640	100011110010001	169.820	101011010010001	170.000	100111100010001
169.645	000011110010001	169.825	001011010010001		

450.000 to 451.765

FREQUENCY	AB(BINARY)	FREQUENCY	AB(BINARY)	FREQUENCY	AB(BINARY)
450.000	100111101111110	450.590	000001100111110	451.180	110000000111110
450.005	000111101111110	450.595	000000110011110	451.185	010000000111110
450.010	111011101111110	450.600	100111010011110	451.190	100000000111110
450.015	011011101111110	450.605	000111010011110	451.195	000000000111110
450.020	101011101111110	450.610	111011010011110	451.200	100111111011110
450.025	001011101111110	450.615	011011010011110	451.205	000111111011110
450.030	110011101111110	450.620	101011010011110	451.210	111011111011110
450.035	010011101111110	450.625	001011010011110	451.215	011011111011110
450.040	100011101111110	450.630	110011010011110	451.220	101011111011110
450.045	000011101111110	450.635	010011010011110	451.225	001011111011110
450.050	100101101111110	450.640	100011010011110	451.230	110011111011110
450.055	000101101111110	450.645	000011010011110	451.235	010011111011110
450.060	111001101111110	450.650	100101010011110	451.240	100011111011110
450.065	011001101111110	450.655	000101010011110	451.245	000011111011110
450.070	101001101111110	450.660	111001101111110	451.250	100101111011110
450.075	001001101111110	450.665	011001101111110	451.255	000101111011110
450.080	110001101111110	450.670	101001101111110	451.260	111001111011110
450.085	010001101111110	450.675	001001101111110	451.265	011001111011110
450.090	100001101111110	450.680	110001101111110	451.270	101001111011110
450.095	000001101111110	450.685	010001101111110	451.275	001001111011110
450.100	100110110111110	450.690	100001101111110	451.280	110001111011110
450.105	000110110111110	450.695	000001101111110	451.285	010001111011110
450.110	111010110111110	450.700	100110011011110	451.290	100001111011110
450.115	011010110111110	450.705	000110011011110	451.295	000001111011110
450.120	101010110111110	450.710	111010011011110	451.300	100101111011110
450.125	001010110111110	450.715	011010011011110	451.305	000101111011110
450.130	110010110111110	450.720	101010011011110	451.310	111010111011110
450.135	010010110111110	450.725	001010011011110	451.315	011010111011110
450.140	100010110111110	450.730	110010011011110	451.320	101010111011110
450.145	000010110111110	450.735	010010011011110	451.325	001010111011110
450.150	100100110111110	450.740	100010011011110	451.330	110010111011110
450.155	000100110111110	450.745	000010011011110	451.335	010010111011110
450.160	111000110111110	450.750	100100011011110	451.340	100010111011110
450.165	011000110111110	450.755	000100011011110	451.345	000010111011110
450.170	101000110111110	450.760	111000010011110	451.350	100100111011110
450.175	001000110111110	450.765	011000010011110	451.355	000100111011110
450.180	110000110111110	450.770	101000010011110	451.360	111000111011110
450.185	010000110111110	450.775	001000010011110	451.365	011000111011110
450.190	100000110111110	450.780	110000010011110	451.370	101000111011110
450.195	000000110111110	450.785	010000010011110	451.375	0010001110

FREQUENCY	AB(BINARY)	FREQUENCY	AB(BINARY)	FREQUENCY	AB(BINARY)
451.770	10100010101110	452.360	11100001010110	452.950	10010011100110
451.775	00100010101110	452.365	01100001010110	452.955	00010011100110
451.780	11000010101110	452.370	10100001010110	452.960	11100011100110
451.785	01000010101110	452.375	00100001010110	452.965	01100011100110
451.790	10000010101110	452.380	11000001010110	452.970	10100011100110
451.795	00000010101110	452.385	01000001010110	452.975	00100011100110
451.800	10011100101110	452.390	10000001010110	452.980	11000011100110
451.805	00011100101110	452.395	00000001010110	452.985	01000011100110
451.810	11101100101110	452.400	10011110010110	452.990	10000011100110
451.815	01101100101110	452.405	00011110010110	452.995	00000011100110
451.820	10101100101110	452.410	11101110010110	453.000	10011101100110
451.825	00101100101110	452.415	01101110010110	453.005	00011101100110
451.830	11001100101110	452.420	10101110010110	453.010	11101101100110
451.835	01001100101110	452.425	00101110010110	453.015	01101101100110
451.840	10001100101110	452.430	11001110010110	453.020	10101101100110
451.845	00001100101110	452.435	01001110010110	453.025	00101101100110
451.850	10010100101110	452.440	10001110010110	453.030	11001101100110
451.855	00010100101110	452.445	00001110010110	453.035	01001101100110
451.860	11100100101110	452.450	10010110010110	453.040	10001101100110
451.865	01100100101110	452.455	00010110010110	453.045	00001101100110
451.870	10100100101110	452.460	11100110010110	453.050	100101100110
451.875	00100100101110	452.465	01100110010110	453.055	000101100110
451.880	11000100101110	452.470	10100110010110	453.060	111001100110
451.885	01000100101110	452.475	00100110010110	453.065	011001100110
451.890	10000100101110	452.480	11000110010110	453.070	101001100110
451.895	00000100101110	452.485	01000110010110	453.075	001001100110
451.900	10011000101110	452.490	10000110010110	453.080	110001100110
451.905	00011000101110	452.495	00000110010110	453.085	010001100110
451.910	11101000101110	452.500	10011010010110	453.090	100001100110
451.915	01101000101110	452.505	00011010010110	453.095	000001100110
451.920	10101000101110	452.510	11101010010110	453.100	10011001100110
451.925	00101000101110	452.515	01101010010110	453.105	00011001100110
451.930	11001000101110	452.520	10101010010110	453.110	111010100110
451.935	01001000101110	452.525	00101010010110	453.115	011010100110
451.940	10001000101110	452.530	11001010010110	453.120	101010100110
451.945	00001000101110	452.535	01001010010110	453.125	001010100110
451.950	10010000101110	452.540	10001010010110	453.130	110010100110
451.955	00010000101110	452.545	00001010010110	453.135	010010100110
451.960	11100000101110	452.550	10010010010110	453.140	100010100110
451.965	01100000101110	452.555	00010010010110	453.145	000010100110
451.970	10100000101110	452.560	11100010010110	453.150	10010001100110
451.975	00100000101110	452.565	01100010010110	453.155	00010001100110
451.980	11000000101110	452.570	10100010010110	453.160	11100001100110
451.985	01000000101110	452.575	00100010010110	453.165	01100001100110
451.990	10000000101110	452.580	11000010010110	453.170	10100001100110
451.995	00000000101110	452.585	01000010010110	453.175	00100001100110
452.000	10011111010110	452.590	100000010110	453.180	11000001100110
452.005	00011111010110	452.595	000000010110	453.185	01000001100110
452.010	11101111010110	452.600	10011100010110	453.190	10000001100110
452.015	01101111010110	452.605	00011100010110	453.195	00000001100110
452.020	10101111010110	452.610	11101100010110	453.200	10011101010110
452.025	00101111010110	452.615	01101100010110	453.205	00011101010110
452.030	11001111010110	452.620	10101100010110	453.210	11101101010110
452.035	01001111010110	452.625	00101100010110	453.215	01101101010110
452.040	10001111010110	452.630	11001100010110	453.220	10101101010110
452.045	00001111010110	452.635	01001100010110	453.225	00101101010110
452.050	10010111010110	452.640	10001100010110	453.230	11001101010110
452.055	00010111010110	452.645	00001100010110	453.235	01001101010110
452.060	11100111010110	452.650	10010100010110	453.240	10001101010110
452.065	01100111010110	452.655	00010100010110	453.245	00001101010110
452.070	10100111010110	452.660	11100100010110	453.250	1001101010110
452.075	00100111010110	452.665	01100100010110	453.255	0001101010110
452.080	11000111010110	452.670	10100100010110	453.260	1110011010110
452.085	01000111010110	452.675	00100100010110	453.265	0110011010110
452.090	10000111010110	452.680	11000110010110	453.270	1010011010110
452.095	00000111010110	452.685	01000110010110	453.275	0010011010110
452.100	10011011010110	452.690	10000110010110	453.280	1100011010110
452.105	00011011010110	452.695	00000110010110	453.285	0100011010110
452.110	11101011010110	452.700	10011000010110	453.290	1000011010110
452.115	01101011010110	452.705	00011000010110	453.295	0000011010110
452.120	10101011010110	452.710	11101000010110	453.300	1001101010110
452.125	00101011010110	452.715	01101000010110	453.305	0001101010110
452.130	11001011010110	452.720	10101000010110	453.310	1110101010110
452.135	01001011010110	452.725	00101000010110	453.315	0110101010110
452.140	10001011010110	452.730	11001000010110	453.320	1010101010110
452.145	00001011010110	452.735	01001000010110	453.325	0010101010110
452.150	10010011010110	452.740	10001000010110	453.330	1100101010110
452.155	00010011010110	452.745	00001000010110	453.335	0100101010110
452.160	11100011010110	452.750	10010000010110	453.340	1000101010110
452.165	01100011010110	452.755	00010000010110	453.345	0000101010110
452.170	10100011010110	452.760	11100000010110	453.350	1001001010110
452.175	00100011010110	452.765	01100000010110	453.355	0001001010110
452.180	11000011010110	452.770	10100000010110	453.360	1110001010110
452.185	01000011010110	452.775	00100000010110	453.365	0110001010110
452.190	10000011010110	452.780	11000000010110	453.370	1010001010110
452.195	00000011010110	452.785	01000000010110	453.375	0010001010110
452.200	10011101010110	452.790	10000000010110	453.380	1100001010110
452.205	00011101010110	452.795	00000000010110	453.385	0100001010110
452.210	11101101010110	452.800	10011111001010	453.390	1000001010110
452.215	01101101010110	452.805	00011111001010	453.395	0000001010110
452.220	10101101010110	452.810	11101111001010	453.400	1001110010110
452.225	00101101010110	452.815	01101111001010	453.405	0001110010110
452.230	11001101010110	452.820	10101111001010	453.410	1110110010110
452.235	01001101010110	452.825	00101111001010	453.415	0110110010110
452.240	10001101010110	452.830	11001111001010	453.420	1010110010110
452.245	00001101010110	452.835	01001111001010	453.425	0010110010110
452.250	10010101010110	452.840	10001111001010	453.430	1100110010110
452.255	00010101010110	452.845	00001111001010	453.435	0100110010110
452.260	11100101010110	452.850	10010111001010	453.440	1000110010110
452.265	01100101010110	452.855	00010111001010	453.445	0000110010110
452.270	10100101010110	452.860	11100111001010	453.450	1001010010110
452.275	00100101010110	452.865	01100111001010	453.455	0001010010110
452.280	11000101010110	452.870	10100111001010	453.460	1110010010110
452.285	01000101010110	452.875	00100111001010	453.465	0110010010110
452.290	10000101010110	452.880	11000111001010	453.470	1010010010110
452.295	00000101010110	452.885	01000111001010	453.475	0010010010110
452.300	10011001010110	452.890	10000111001010	453.480	1100010010110
452.305	00011001010110	452.895	00000111001010	453.485	0100010010110
452.310	11101001010110	452.900	10011011001010	453.490	1000010010110
452.315	01101001010110	452.905	00011011001010	453.495	0000010010110
452.320	10101001010110	452.910	11101011001010	453.500	1001100010110
452.325	00101001010110	452.915	01101011001010	453.505	0001100010110
452.330	11001001010110	452.920	10101011001010	453.510	1110100010110
452.335	01001001010110	452.925	00101011001010	453.515	0110100010110
452.340	10001001010110	452.930	11001011001010	453.520	1010100010110
452.345	00001001010110	452.935	01001011001010	453.525	0010100010110
452.350	10010001010110	452.940	10001011001010	453.530	1100100010110
452.355	00010001010110	452.945	00001011001010	453.535	0100100010110

FREQUENCY	AB(BINARY)	FREQUENCY	AB(BINARY)	FREQUENCY	AB(BINARY)
453.540	100010000110110	454.130	10001000001110	454.720	10100011110110
453.545	000010000100110	454.135	01001010000110	454.725	00101001111010
453.550	10010000100110	454.140	10001010000110	454.730	10001001111010
453.555	00010000100110	454.145	00001010000110	454.735	01001001111010
453.560	11100000100110	454.150	10010010000110	454.740	10001001111010
453.565	01100000100110	454.155	00010010000110	454.745	00001001111010
453.570	10100000100110	454.160	11100010000110	454.750	10010001111010
453.575	00100000100110	454.165	01100010000110	454.755	00010001111010
453.580	11000000100110	454.170	10100010000110	454.760	11100001111010
453.585	01000000100110	454.175	00100010000110	454.765	01100001111010
453.590	10000000100110	454.180	11000010000110	454.770	10100001111010
453.595	00000000100110	454.185	01000010000110	454.775	00100001111010
453.600	10011110000110	454.190	10000010000110	454.780	11000001111010
453.605	00011110000110	454.195	00000010000110	454.785	01000001111010
453.610	11101110000110	454.200	10011000001110	454.790	10000001111010
453.615	01101110000110	454.205	00011000001110	454.795	00000001111010
453.620	10101110000110	454.210	11101100001110	454.800	10011011011010
453.625	00101110000110	454.215	01101100001110	454.805	00011011011010
453.630	11001110000110	454.220	10101100001110	454.810	111011011011010
453.635	01001110000110	454.225	00101100001110	454.815	011011011011010
453.640	10001110000110	454.230	11001100001110	454.820	101011011011010
453.645	00001110000110	454.235	01001100001110	454.825	001011011011010
453.650	10010110000110	454.240	10001100001110	454.830	110011011011010
453.655	00010110000110	454.245	00001100001110	454.835	010011011011010
453.660	11100110000110	454.250	10010100001110	454.840	100011011011010
453.665	01100110000110	454.255	00010100001110	454.845	000011011011010
453.670	10100110000110	454.260	11100100001110	454.850	100101011011010
453.675	00100110000110	454.265	01100100001110	454.855	000101011011010
453.680	11000110000110	454.270	10100100001110	454.860	111001011011010
453.685	01000110000110	454.275	00100100001110	454.865	011001011011010
453.690	10000110000110	454.280	11000100001110	454.870	101001011011010
453.695	00000110000110	454.285	01000100001110	454.875	001001011011010
453.700	100101010000110	454.290	10000100001110	454.880	110001011011010
453.705	000101010000110	454.295	00000100001110	454.885	010001011011010
453.710	11101010000110	454.300	10010000001110	454.890	100001011011010
453.715	01101010000110	454.305	00010000001110	454.895	000001011011010
453.720	10101010000110	454.310	11101000001110	454.900	100110011011010
453.725	00101010000110	454.315	01101000001110	454.905	000110011011010
453.730	11001010000110	454.320	10101000001110	454.910	111010011011010
453.735	01001010000110	454.325	00101000001110	454.915	011010011011010
453.740	10001010000110	454.330	11001000001110	454.920	101010011011010
453.745	00001010000110	454.335	01001000001110	454.925	001010011011010
453.750	10010010000110	454.340	10001000001110	454.930	110001011011010
453.755	00010010000110	454.345	00001000001110	454.935	010001011011010
453.760	11100010000110	454.350	10010000001110	454.940	100010011011010
453.765	01100010000110	454.355	00010000001110	454.945	000010011011010
453.770	10100010000110	454.360	11100000001110	454.950	100100011011010
453.775	00100010000110	454.365	01100000001110	454.955	000100011011010
453.780	11000010000110	454.370	10100000001110	454.960	111000011011010
453.785	01000010000110	454.375	00100000001110	454.965	011000011011010
453.790	10000010000110	454.380	11000000001110	454.970	101000011011010
453.795	00000010000110	454.385	01000000001110	454.975	001000011011010
453.800	1001101010000110	454.390	10000000001110	454.980	110000011011010
453.805	0001101010000110	454.395	00000000001110	454.985	010000011011010
453.810	1110101010000110	454.400	10011111110110	454.990	100000011011010
453.815	0110101010000110	454.405	00011111110110	454.995	00000001110110
453.820	1010101010000110	454.410	11101111110110	455.000	100110011011010
453.825	0010101010000110	454.415	01101111110110	455.005	000110011011010
453.830	1100101010000110	454.420	10101111110110	455.010	111010011011010
453.835	0100101010000110	454.425	00101111110110	455.015	011010011011010
453.840	1000101010000110	454.430	11001111110110	455.020	101010011011010
453.845	0000101010000110	454.435	01001111110110	455.025	001010011011010
453.850	100101010000110	454.440	10001111110110	455.030	110010011011010
453.855	000101010000110	454.445	00001111110110	455.035	010010011011010
453.860	111001010000110	454.450	10010111110110	455.040	100010011011010
453.865	011001010000110	454.455	00010111110110	455.045	000010011011010
453.870	101001010000110	454.460	11100111110110	455.050	100100011011010
453.875	001001010000110	454.465	01100111110110	455.055	000100011011010
453.880	110001010000110	454.470	10100111110110	455.060	111000011011010
453.885	010001010000110	454.475	00100111110110	455.065	011000011011010
453.890	100001010000110	454.480	11000111110110	455.070	101000011011010
453.895	000001010000110	454.485	01000111110110	455.075	001000011011010
453.900	100110010000110	454.490	10000111110110	455.080	11000100110110
453.905	000110010000110	454.495	00000111110110	455.085	01000100110110
453.910	111010010000110	454.500	10010111110110	455.090	10000100110110
453.915	011010010000110	454.505	00010111110110	455.095	00000100110110
453.920	101010010000110	454.510	11101011110110	455.100	10011000110110
453.925	001010010000110	454.515	01101011110110	455.105	00011000110110
453.930	110010010000110	454.520	10101011110110	455.110	11101000110110
453.935	010010010000110	454.525	00101011110110	455.115	01101000110110
453.940	100010010000110	454.530	11001011110110	455.120	10101000110110
453.945	000010010000110	454.535	01001011110110	455.125	00101000110110
453.950	100100010000110	454.540	10001011110110	455.130	11001000110110
453.955	000100010000110	454.545	00001011110110	455.135	01001000110110
453.960	111000010000110	454.550	10010011110110	455.140	10001000110110
453.965	011000010000110	454.555	00010011110110	455.145	00001000110110
453.970	101000010000110	454.560	11100011110110	455.150	10010000110110
453.975	001000010000110	454.565	01100011110110	455.155	00010000110110
453.980	110000010000110	454.570	10100011110110	455.160	11100000110110
453.985	010000010000110	454.575	00100011110110	455.165	01100000110110
453.990	100000010000110	454.580	11000011110110	455.170	10100000110110
453.995	000000010000110	454.585	01000011110110	455.175	00100000110110
454.000	10011100000110	454.590	10000011110110	455.180	11000000110110
454.005	00011100000110	454.595	00000011110110	455.185	01000000110110
454.010	11101100000110	454.600	10011011110110	455.190	10000000110110
454.015	01101100000110	454.605	00011011110110	455.195	00000000110110
454.020	10101100000110	454.610	11101011110110	455.200	100111011011010
454.025	00101100000110	454.615	01101011110110	455.205	000111011011010
454.030	11001100000110	454.620	10101011110110	455.210	111011011011010
454.035	01001100000110	454.625	00101011110110	455.215	011011011011010
454.040	10001100000110	454.630	11001011110110	455.220	101011011011010
454.045	00001100000110	454.635	01001011110110	455.225	001011011011010
454.050	10010100000110	454.640	10001011110110	455.230	110011011011010
454.055	00010100000110	454.645	00001011110110	455.235	010011011011010
454.060	11100100000110	454.650	10010101110110	455.240	100011011011010
454.065	01100100000110	454.655	00010101110110	455.245	000011011011010
454.070	10100100000110	454.660	11100101110110	455.250	100101011011010
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454.085	01000100000110	454.675	00100101110110	455.265	011001011011010
454.090	10000100000110	454.680	11000101110110	455.270	101001011011010
454.095	00000100000110	454.685	01000101110110	455.275	001001011011010
454.100	100110100000110	454.690	10000101110110	455.280	110001011011010
454.105	000110100000110	454.695	00000101110110	455.285	010001011011010
454.110	111010100000110	454.700	10011001110110	455.290	100001011011010
454.115	011010100000110	454.705	00011001110110	455.295	000001011011010
454.120	101010100000110	454.710	11101001110110	455.300	100110011011010
454.125	001010100000110	454.715	01101001110110	455.305	000110011011010

FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)
455.310	110101010101010	455.900	100110000101010	456.490	100001101010110
455.315	011010101010101	455.905	000110000101010	456.495	000001101010110
455.320	101010101010101	455.910	111010000101010	456.500	100110101010110
455.325	001010101010101	455.915	011010000101010	456.505	000110101010110
455.330	110010101010101	455.920	101010000101010	456.510	111010101010110
455.335	010010101010101	455.925	001010000101010	456.515	011010101010110
455.340	100010101010101	455.930	110010000101010	456.520	101010101010110
455.345	000010101010101	455.935	010010000101010	456.525	001010101010110
455.350	100100101010101	455.940	100010000101010	456.530	110010101010110
455.355	000100101010101	455.945	000010000101010	456.535	010010101010110
455.360	111000101010101	455.950	100100000101010	456.540	100010101010110
455.365	011000101010101	455.955	000100000101010	456.545	000010101010110
455.370	101000101010101	455.960	111000000101010	456.550	100100101010110
455.375	001000101010101	455.965	011000000101010	456.555	000100101010110
455.380	110000101010101	455.970	101000000101010	456.560	111000101010110
455.385	010000101010101	455.975	001000000101010	456.565	011000101010110
455.390	100000101010101	455.980	110000000101010	456.570	101000101010110
455.395	000000101010101	455.985	010000000101010	456.575	001000101010110
455.400	100111010101010	455.990	100000000101010	456.580	110000101010110
455.405	000111010101010	455.995	000000000101010	456.585	010000101010110
455.410	111011010101010	456.000	100111101010110	456.590	100000101010110
455.415	011011010101010	456.005	000111101010110	456.595	000000101010110
455.420	101011010101010	456.010	111011101010110	456.600	100111001010110
455.425	001011010101010	456.015	011011101010110	456.605	000111001010110
455.430	110011010101010	456.020	101011101010110	456.610	111011001010110
455.435	010011010101010	456.025	001011101010110	456.615	011011001010110
455.440	100011010101010	456.030	110011101010110	456.620	101011001010110
455.445	000011010101010	456.035	010011101010110	456.625	001011001010110
455.450	100101010101010	456.040	100011101010110	456.630	110011001010110
455.455	000101010101010	456.045	000011101010110	456.635	010011001010110
455.460	111001010101010	456.050	100101101010110	456.640	100011001010110
455.465	011001010101010	456.055	000101101010110	456.645	000011001010110
455.470	101001010101010	456.060	111001101010110	456.650	100100101010110
455.475	001001010101010	456.065	011001101010110	456.655	000100101010110
455.480	110001010101010	456.070	101001101010110	456.660	111001001010110
455.485	010001010101010	456.075	001001101010110	456.665	011001001010110
455.490	100001010101010	456.080	110001101010110	456.670	101001001010110
455.495	000001010101010	456.085	010001101010110	456.675	001001001010110
455.500	100110010101010	456.090	100001101010110	456.680	110001001010110
455.505	000110010101010	456.095	000001101010110	456.685	010001001010110
455.510	111010010101010	456.100	100110101010110	456.690	100001001010110
455.515	011010010101010	456.105	000110101010110	456.695	000001001010110
455.520	101010010101010	456.110	111010101010110	456.700	100110001010110
455.525	001010010101010	456.115	011010101010110	456.705	000110001010110
455.530	110010010101010	456.120	101010101010110	456.710	111010001010110
455.535	010010010101010	456.125	001010101010110	456.715	011010001010110
455.540	100010010101010	456.130	110010101010110	456.720	101010001010110
455.545	000010010101010	456.135	010010101010110	456.725	001010001010110
455.550	100100010101010	456.140	100010101010110	456.730	110010001010110
455.555	000100010101010	456.145	000010101010110	456.735	010010001010110
455.560	111000010101010	456.150	100100101010110	456.740	100010001010110
455.565	011000010101010	456.155	000100101010110	456.745	000010001010110
455.570	101000010101010	456.160	111000101010110	456.750	100100001010110
455.575	001000010101010	456.165	011000101010110	456.755	000100001010110
455.580	110000010101010	456.170	101000101010110	456.760	111000001010110
455.585	010000010101010	456.175	001000101010110	456.765	011000001010110
455.590	100000010101010	456.180	110000101010110	456.770	101000001010110
455.595	000000010101010	456.185	010000101010110	456.775	001000001010110
455.600	100111100101010	456.190	100000101010110	456.780	110000001010110
455.605	000111100101010	456.195	000000101010110	456.785	010000001010110
455.610	111011100101010	456.200	100111010101010	456.790	100000001010110
455.615	011011100101010	456.205	000111010101010	456.795	000000001010110
455.620	101011100101010	456.210	111011010101010	456.800	100111100101010
455.625	001011100101010	456.215	011011010101010	456.805	000111100101010
455.630	110011100101010	456.220	101011010101010	456.810	111011100101010
455.635	010011100101010	456.225	001011010101010	456.815	011011100101010
455.640	100011100101010	456.230	110011010101010	456.820	101011100101010
455.645	000011100101010	456.235	010011010101010	456.825	001011100101010
455.650	100101100101010	456.240	100011010101010	456.830	110011100101010
455.655	000101100101010	456.245	000011010101010	456.835	010011100101010
455.660	111001100101010	456.250	100101010101010	456.840	100011100101010
455.665	011001100101010	456.255	000101010101010	456.845	000011100101010
455.670	101001100101010	456.260	111001010101010	456.850	100101100101010
455.675	001001100101010	456.265	011001010101010	456.855	000101100101010
455.680	110001100101010	456.270	101001010101010	456.860	111001100101010
455.685	010001100101010	456.275	001001010101010	456.865	011001100101010
455.690	100001100101010	456.280	110001010101010	456.870	101001100101010
455.695	000001100101010	456.285	010001010101010	456.875	001001100101010
455.700	100110100101010	456.290	100001010101010	456.880	110001100101010
455.705	000110100101010	456.295	000001010101010	456.885	010001100101010
455.710	111010100101010	456.300	100110010101010	456.890	100001100101010
455.715	011010100101010	456.305	000110010101010	456.895	000001100101010
455.720	101010100101010	456.310	111010010101010	456.900	100110100101010
455.725	001010100101010	456.315	011010010101010	456.905	000110100101010
455.730	110010100101010	456.320	101010010101010	456.910	111010100101010
455.735	010010100101010	456.325	001010010101010	456.915	011010100101010
455.740	100010100101010	456.330	110010010101010	456.920	101010100101010
455.745	000010100101010	456.335	010010010101010	456.925	001010100101010
455.750	100100100101010	456.340	100010010101010	456.930	110010100101010
455.755	000100100101010	456.345	000010010101010	456.935	010010100101010
455.760	111000100101010	456.350	100100010101010	456.940	100010100101010
455.765	011000100101010	456.355	000100010101010	456.945	000010100101010
455.770	101000100101010	456.360	111000010101010	456.950	100100100101010
455.775	001000100101010	456.365	011000010101010	456.955	000100100101010
455.780	110000100101010	456.370	101000010101010	456.960	111000100101010
455.785	010000100101010	456.375	001000010101010	456.965	011000100101010
455.790	100000100101010	456.380	110000010101010	456.970	101000100101010
455.795	000000100101010	456.385	010000010101010	456.975	001000100101010
455.800	100111000101010	456.390	100000001010101	456.980	110000100101010
455.805	000111000101010	456.395	000000001010101	456.985	010000100101010
455.810	111011000101010	456.400	100111000101010	456.990	100000100101010
455.815	011011000101010	456.405	000111000101010	456.995	000000100101010
455.820	101011000101010	456.410	111011000101010	457.000	100111000101010
455.825	001011000101010	456.415	011011000101010	457.005	000111000101010
455.830	110011000101010	456.420	101011000101010	457.010	111011000101010
455.835	010011000101010	456.425	001011000101010	457.015	011011000101010
455.840	100011000101010	456.430	110011000101010	457.020	101011000101010
455.845	000011000101010	456.435	010011000101010	457.025	001011000101010
455.850	100101000101010	456.440	100011000101010	457.030	110011000101010
455.855	000101000101010	456.445	000011000101010	457.035	010011000101010
455.860	111001000101010	456.450	100101000101010	457.040	100011000101010
455.865	011001000101010	456.455	000101000101010	457.045	000011000101010
455.870	101001000101010	456.460	111001000101010	457.050	100101000101010
455.875	001001000101010	456.465	011001000101010	457.055	000101000101010
455.880	110001000101010	456.470	101001000101010	457.060	111001000101010
455.885	010001000101010	456.475	001001000101010	457.065	011001000101010
455.890	100001000101010	456.480	110001000101010	457.070	101001000101010
455.895	000001000101010	456.485	010001000101010	457.075	001001000101010

FREQUENCY	AR (INARY)	FREQUENCY	AR (INARY)	FREQUENCY	AR (INARY)
457.080	110001010010110	457.670	10100111100110	458.260	11100010100110
457.085	010001010010110	457.675	00100111100110	458.265	01100100100110
457.090	100001010010110	457.680	11000111100110	458.270	10100100100110
457.095	000001010010110	457.685	01000111100110	458.275	00100100100110
457.100	100110010010110	457.690	10000111100110	458.280	11000100100110
457.105	000110010010110	457.695	00000111100110	458.285	01000100100110
457.110	111010010010110	457.700	10011011100110	458.290	10000100100110
457.115	011010010010110	457.705	00011011100110	458.295	00000100100110
457.120	101010010010110	457.710	11101011100110	458.300	10011000100110
457.125	001010010010110	457.715	01101011100110	458.305	00011000100110
457.130	110010010010110	457.720	10101011100110	458.310	11101000100110
457.135	010010010010110	457.725	00101011100110	458.315	01101000100110
457.140	100010010010110	457.730	11001011100110	458.320	10101000100110
457.145	000010010010110	457.735	01001011100110	458.325	00101000100110
457.150	100100010010110	457.740	10001011100110	458.330	11001000100110
457.155	000100010010110	457.745	00001011100110	458.335	01001000100110
457.160	111000010010110	457.750	10010011100110	458.340	10001000100110
457.165	011000010010110	457.755	00010011100110	458.345	00001000100110
457.170	101000010010110	457.760	11100011100110	458.350	10010000100110
457.175	001000010010110	457.765	01100011100110	458.355	00010000100110
457.180	110000010010110	457.770	10100011100110	458.360	11100000100110
457.185	010000010010110	457.775	00100011100110	458.365	01100000100110
457.190	100000010010110	457.780	11000011100110	458.370	10100000100110
457.195	000000010010110	457.785	01000011100110	458.375	00100000100110
457.200	100111100010110	457.790	10000011100110	458.380	11000000100110
457.205	000111100010110	457.795	00000011100110	458.385	01000000100110
457.210	111011100010110	457.800	10011011100110	458.390	10000000100110
457.215	011011100010110	457.805	00011011100110	458.395	00000000100110
457.220	101011100010110	457.810	11101110100110	458.400	10011110100110
457.225	001011100010110	457.815	01101110100110	458.405	00011110100110
457.230	110011100010110	457.820	10101110100110	458.410	11101110100110
457.235	010011100010110	457.825	00101110100110	458.415	01101110100110
457.240	100011100010110	457.830	11001110100110	458.420	10101110100110
457.245	000011100010110	457.835	01001110100110	458.425	00101110100110
457.250	100101100010110	457.840	10001110100110	458.430	11001110100110
457.255	000101100010110	457.845	00001110100110	458.435	01001110100110
457.260	111001100010110	457.850	10010110100110	458.440	10001110100110
457.265	011001100010110	457.855	00010110100110	458.445	00001110100110
457.270	101001100010110	457.860	11100110100110	458.450	10010110100110
457.275	001001100010110	457.865	01100110100110	458.455	00010110100110
457.280	110001100010110	457.870	10100110100110	458.460	11100110100110
457.285	010001100010110	457.875	00100110100110	458.465	01100110100110
457.290	100001100010110	457.880	11000110100110	458.470	10100110100110
457.295	000001100010110	457.885	01000110100110	458.475	00100110100110
457.300	100110100010110	457.890	10000110100110	458.480	11000110100110
457.305	000110100010110	457.895	00000110100110	458.485	01000110100110
457.310	111010100010110	457.900	10011001100110	458.490	10000110100110
457.315	011010100010110	457.905	00011001100110	458.495	00000110100110
457.320	101010100010110	457.910	11101001100110	458.500	10011001100110
457.325	001010100010110	457.915	01101001100110	458.505	00011001100110
457.330	110010100010110	457.920	10101001100110	458.510	11101001100110
457.335	010010100010110	457.925	00101001100110	458.515	01101001100110
457.340	100010100010110	457.930	11001001100110	458.520	10101001100110
457.345	000010100010110	457.935	01001001100110	458.525	00101001100110
457.350	100100100010110	457.940	10001001100110	458.530	11001001100110
457.355	000100100010110	457.945	00001001100110	458.535	01001001100110
457.360	111000100010110	457.950	10010001100110	458.540	10001001100110
457.365	011000100010110	457.955	00010001100110	458.545	00001001100110
457.370	101000100010110	457.960	11100001100110	458.550	10010001100110
457.375	001000100010110	457.965	01100001100110	458.555	00010001100110
457.380	110000100010110	457.970	10100001100110	458.560	11100001100110
457.385	010000100010110	457.975	00100001100110	458.565	01100001100110
457.390	100000100010110	457.980	11000001100110	458.570	10100001100110
457.395	000000100010110	457.985	01000001100110	458.575	00100001100110
457.400	100110000100110	457.990	10000001100110	458.580	11000001100110
457.405	000110000100110	457.995	00000001100110	458.585	01000001100110
457.410	1110110000100110	458.000	10011110100110	458.590	10000001100110
457.415	0110110000100110	458.005	00011110100110	458.595	00000001100110
457.420	1010110000100110	458.010	11101110100110	458.600	10011110100110
457.425	0010110000100110	458.015	01101110100110	458.605	00011110100110
457.430	1100110000100110	458.020	10101110100110	458.610	11101110100110
457.435	0100110000100110	458.025	00101110100110	458.615	01101110100110
457.440	1000110000100110	458.030	11001110100110	458.620	10101110100110
457.445	0000110000100110	458.035	01001110100110	458.625	00101110100110
457.450	1001010000100110	458.040	10001110100110	458.630	11001110100110
457.455	0001010000100110	458.045	00001110100110	458.635	01001110100110
457.460	1110010000100110	458.050	10010110100110	458.640	10001110100110
457.465	0110010000100110	458.055	00010110100110	458.645	00001110100110
457.470	1010010000100110	458.060	11100101100110	458.650	10010110100110
457.475	0010010000100110	458.065	01100101100110	458.655	00010110100110
457.480	1100010000100110	458.070	10100101100110	458.660	11100101100110
457.485	0100010000100110	458.075	00100101100110	458.665	01100101100110
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457.495	0000010000100110	458.085	01000101100110	458.675	00100101100110
457.500	1001100000100110	458.090	10000101100110	458.680	11000001100110
457.505	0001100000100110	458.095	00000101100110	458.685	01000001100110
457.510	1110100000100110	458.100	10011010100110	458.690	10000001100110
457.515	0110100000100110	458.105	00011010100110	458.695	00000001100110
457.520	1010100000100110	458.110	11101010100110	458.700	10011001100110
457.525	0010100000100110	458.115	01101010100110	458.705	00011001100110
457.530	1100100000100110	458.120	10101010100110	458.710	11101001100110
457.535	0100100000100110	458.125	00101010100110	458.715	01101001100110
457.540	1000100000100110	458.130	11001010100110	458.720	10101001100110
457.545	0000100000100110	458.135	01001010100110	458.725	00101001100110
457.550	1001000000100110	458.140	10001010100110	458.730	11000001100110
457.555	0001000000100110	458.145	00001010100110	458.735	01000001100110
457.560	1110000000100110	458.150	10010010100110	458.740	10000001100110
457.565	0110000000100110	458.155	00010010100110	458.745	00000001100110
457.570	1010000000100110	458.160	11100010100110	458.750	10010000100110
457.575	0010000000100110	458.165	01100010100110	458.755	00010000100110
457.580	1100000000100110	458.170	10100010100110	458.760	11100000100110
457.585	0100000000100110	458.175	00100010100110	458.765	01100000100110
457.590	1000000000100110	458.180	110000010100110	458.770	10100000100110
457.595	0000000000100110	458.185	010000010100110	458.775	00100000100110
457.600	100111111000110	458.190	100000010100110	458.780	11000000100110
457.605	000111111000110	458.195	000000010100110	458.785	01000000100110
457.610	111011111000110	458.200	10011001000110	458.790	10000000100110
457.615	011011111000110	458.205	00011001000110	458.795	00000000100110
457.620	101011111000110	458.210	11101001000110	458.800	100111100100110
457.625	001011111000110	458.215	01101001000110	458.805	000111100100110
457.630	110011111000110	458.220	10101001000110	458.810	111011100100110
457.635	010011111000110	458.225	00101001000110	458.815	011011100100110
457.640	100011111000110	458.230	11001001000110	458.820	101011100100110
457.645	000011111000110	458.235	01001001000110	458.825	001011100100110
457.650	100101111000110	458.240	10001001000110	458.830	110011100100110
457.655	000101111000110	458.245	00001001000110	458.835	010011100100110
457.660	111001111000110	458.250	10010100100110	458.840	100011100100110
457.665	011001111000110	458.255	00010100100110	458.845	000011100100110

FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)
458.850	100101100100110	459.440	100011011000110	460.030	110011110000110
458.855	000101100100110	459.445	000011011000110	460.035	010011110000110
458.860	111001100100110	459.450	100101011000110	460.040	100011110000110
458.865	011001100100110	459.455	000101011000110	460.045	000011110000110
458.870	101001100100110	459.460	111001011000110	460.050	100101110000110
458.875	010001100100110	459.465	011001011000110	460.055	000101110000110
458.880	110001100100110	459.470	101001011000110	460.060	111001110000110
458.885	010001100100110	459.475	001001011000110	460.065	011001110000110
458.890	100001100100110	459.480	110001011000110	460.070	101001110000110
458.895	000001100100110	459.485	010001011000110	460.075	001001110000110
458.900	100110100100110	459.490	100001011000110	460.080	110001110000110
458.905	000110100100110	459.495	000001011000110	460.085	010001110000110
458.910	111010100100110	459.500	100110010010010	460.090	100001110000110
458.915	011010100100110	459.505	000110010010010	460.095	000001110000110
458.920	101010100100110	459.510	111010010010010	460.100	100110110000110
458.925	001010100100110	459.515	011010010010010	460.105	000110110000110
458.930	110010100100110	459.520	101010010010010	460.110	111010110000110
458.935	010010100100110	459.525	001010010010010	460.115	011010110000110
458.940	100010100100110	459.530	110010010010010	460.120	101010110000110
458.945	000010100100110	459.535	010010010010010	460.125	001010110000110
458.950	100100010010010	459.540	100010010010010	460.130	110010110000110
458.955	000100010010010	459.545	000010010010010	460.135	010010110000110
458.960	111000010010010	459.550	100100010010010	460.140	100010110000110
458.965	011000010010010	459.555	000100010010010	460.145	000010110000110
458.970	101000010010010	459.560	111000010010010	460.150	100100010000110
458.975	001000010010010	459.565	011000010010010	460.155	000100010000110
458.980	110000010010010	459.570	101000010010010	460.160	111000010000110
458.985	010000010010010	459.575	001000010010010	460.165	011000010000110
458.990	100000010010010	459.580	110000010010010	460.170	101000010000110
458.995	000000010010010	459.585	010000010010010	460.175	001000010000110
459.000	100110000100110	459.590	100000010010010	460.180	110000010000110
459.005	000110000100110	459.595	000000010010010	460.185	010000010000110
459.010	111010000100110	459.600	100111010001010	460.190	100000010000110
459.015	011010000100110	459.605	000111010001010	460.195	000000010000110
459.020	101010000100110	459.610	111011010001010	460.200	100111010001010
459.025	001010000100110	459.615	011011010001010	460.205	000111010001010
459.030	110010000100110	459.620	101011010001010	460.210	111010100001010
459.035	010010000100110	459.625	001011010001010	460.215	011010100001010
459.040	100010000100110	459.630	110011010001010	460.220	101010100001010
459.045	000010000100110	459.635	010011010001010	460.225	

FREQUENCY	AR(BINARY)	FREQUENCY	AR(BINARY)	FREQUENCY	AR(BINARY)
460.620	101011000000110	461.210	11011101111010	461.800	100111010111010
460.625	0010110000000110	461.215	011011101111010	461.805	000111010111010
460.630	1100110000000110	461.220	101011101111010	461.810	111011010111010
460.635	0100110000000110	461.225	001011101111010	461.815	011011010111010
460.640	1000110000000110	461.230	110011011111010	461.820	101011010111010
460.645	0000110000000110	461.235	010011101111010	461.825	001011010111010
460.650	1001010000000110	461.240	100011101111010	461.830	110011010111010
460.655	0001010000000110	461.245	000011101111010	461.835	010011010111010
460.660	1110010000000110	461.250	100101101111010	461.840	100011010111010
460.665	0110010000000110	461.255	000101101111010	461.845	000011010111010
460.670	1010010000000110	461.260	111001101111010	461.850	100101010111010
460.675	0010010000000110	461.265	011001101111010	461.855	000101010111010
460.680	1100010000000110	461.270	101001101111010	461.860	111001010111010
460.685	0100010000000110	461.275	001001101111010	461.865	011001010111010
460.690	1000010000000110	461.280	110001101111010	461.870	101001010111010
460.695	0000010000000110	461.285	010001101111010	461.875	001001010111010
460.700	1001100000000110	461.290	100001101111010	461.880	110001010111010
460.705	0001100000000110	461.295	000001101111010	461.885	010001010111010
460.710	1110100000000110	461.300	100110011111010	461.890	100001010111010
460.715	0110100000000110	461.305	000110011111010	461.895	000001010111010
460.720	1010100000000110	461.310	111010011111010	461.900	100110011111010
460.725	0010100000000110	461.315	011010011111010	461.905	000110011111010
460.730	1100100000000110	461.320	101010011111010	461.910	111010011111010
460.735	0100100000000110	461.325	001010011111010	461.915	011010011111010
460.740	1000100000000110	461.330	110010011111010	461.920	101010011111010
460.745	0000100000000110	461.335	010010011111010	461.925	001010011111010
460.750	1001000000000110	461.340	100010011111010	461.930	110010011111010
460.755	0001000000000110	461.345	000010011111010	461.935	010010011111010
460.760	1110000000000110	461.350	100100011111010	461.940	100010011111010
460.765	0110000000000110	461.355	000100011111010	461.945	000010011111010
460.770	1010000000000110	461.360	111000011111010	461.950	100100011111010
460.775	0010000000000110	461.365	011000011111010	461.955	000100011111010
460.780	1100000000000110	461.370	101000011111010	461.960	111000011111010
460.785	0100000000000110	461.375	001000011111010	461.965	011000011111010
460.790	1000000000000110	461.380	110000011111010	461.970	101000011111010
460.795	0000000000000110	461.385	010000011111010	461.975	001000011111010
460.800	1001111111111010	461.390	100000011111010	461.980	110000011111010
460.805	0001111111111010	461.395	000000011111010	461.985	010000011111010
460.810	1110111111111010	461.400	100110011111010	461.990	100000011111010
460.815	0110111111111010	461.405	000110011111010	461.995	000000011111010
460.820	1010111111111010	461.410	111010011111010	462.000	100111000111010
460.825	0010111111111010	461.415	011010011111010	462.005	000111000111010
460.830	1100111111111010	461.420	101010011111010	462.010	111011000111010
460.835	0100111111111010	461.425	001010011111010	462.015	011011000111010
460.840	1000111111111010	461.430	1100110011111010	462.020	101011000111010
460.845	0000111111111010	461.435	010010011111010	462.025	001011000111010
460.850	1001011111111010	461.440	100010011111010	462.030	110011000111010
460.855	0001011111111010	461.445	000010011111010	462.035	010011000111010
460.860	1110011111111010	461.450	100101001111010	462.040	100011000111010
460.865	0110011111111010	461.455	000101001111010	462.045	000011000111010
460.870	1010011111111010	461.460	111001001111010	462.050	100101000111010
460.875	0010011111111010	461.465	011001001111010	462.055	000101000111010
460.880	1100011111111010	461.470	101001001111010	462.060	111001000111010
460.885	0100011111111010	461.475	001001001111010	462.065	011001000111010
460.890	1000011111111010	461.480	110001001111010	462.070	101001000111010
460.895	0000011111111010	461.485	010001001111010	462.075	001001000111010
460.900	1001101111111010	461.490	100001001111010	462.080	110001000111010
460.905	0001101111111010	461.495	000001001111010	462.085	010001000111010
460.910	1110101111111010	461.500	100110001111010	462.090	100001000111010
460.915	0110101111111010	461.505	000110001111010	462.095	000001000111010
460.920	1010101111111010	461.510	111010001111010	462.100	100110000111010
460.925	0010101111111010	461.515	011010001111010	462.105	000110000111010
460.930	1100101111111010	461.520	101010001111010	462.110	111010000111010
460.935	0100101111111010	461.525	001010001111010	462.115	011010000111010
460.940	1000101111111010	461.530	110010001111010	462.120	101010000111010
460.945	0000101111111010	461.535	010010001111010	462.125	001010000111010
460.950	1001001111111010	461.540	100010001111010	462.130	110010000111010
460.955	0001001111111010	461.545	000010001111010	462.135	010010000111010
460.960	1110001111111010	461.550	100100001111010	462.140	100010000111010
460.965	0110001111111010	461.555	000100001111010	462.145	000010000111010
460.970	1010001111111010	461.560	111000001111010	462.150	100100000111010
460.975	0010001111111010	461.565	011000001111010	462.155	000100000111010
460.980	1100001111111010	461.570	101000001111010	462.160	111000000111010
460.985	0100001111111010	461.575	001000001111010	462.165	011000000111010
460.990	1000001111111010	461.580	110000001111010	462.170	101000000111010
460.995	0000001111111010	461.585	010000001111010	462.175	001000000111010
461.000	1001110111111010	461.590	100000001111010	462.180	110000000111010
461.005	0001110111111010	461.595	000000001111010	462.185	010000000111010
461.010	1110101111111010	461.600	100111101111010	462.190	100000000111010
461.015	0110101111111010	461.605	000111101111010	462.195	000000000111010
461.020	1010101111111010	461.610	111011101111010	462.200	100111000111010
461.025	0010101111111010	461.615	011011101111010	462.205	000111000111010
461.030	1100101111111010	461.620	101011101111010	462.210	111010000111010
461.035	0100101111111010	461.625	001011101111010	462.215	011010000111010
461.040	1000101111111010	461.630	110011101111010	462.220	101010000111010
461.045	0000101111111010	461.635	010011101111010	462.225	001010000111010
461.050	1001010111111010	461.640	100011101111010	462.230	110010000111010
461.055	0001010111111010	461.645	000011101111010	462.235	010010000111010
461.060	1110010111111010	461.650	100101101111010	462.240	100010000111010
461.065	0110010111111010	461.655	000101101111010	462.245	000010000111010
461.070	1010010111111010	461.660	111001101111010	462.250	100100000111010
461.075	0010010111111010	461.665	011001101111010	462.255	000100000111010
461.080	1100010111111010	461.670	101001101111010	462.260	111000000111010
461.085	0100010111111010	461.675	001001101111010	462.265	011000000111010
461.090	1000010111111010	461.680	110001101111010	462.270	101000000111010
461.095	0000010111111010	461.685	010001101111010	462.275	001000000111010
461.100	1001100111111010	461.690	100001101111010	462.280	110000000111010
461.105	0001100111111010	461.695	000001101111010	462.285	010000000111010
461.110	1110100111111010	461.700	100110101111010	462.290	100000000111010
461.115	0110100111111010	461.705	000110101111010	462.295	000000000111010
461.120	1010100111111010	461.710	111010101111010	462.300	100110000111010
461.125	0010100111111010	461.715	011010101111010	462.305	000110000111010
461.130	1100100111111010	461.720	101010101111010	462.310	111010000111010
461.135	0100100111111010	461.725	001010101111010	462.315	011010000111010
461.140	1000100111111010	461.730	110010101111010	462.320	101010000111010
461.145	0000100111111010	461.735	010010101111010	462.325	001010000111010
461.150	1001000111111010	461.740	100010101111010	462.330	110010000111010
461.155	0001000111111010	461.745	000010101111010	462.335	010010000111010
461.160	1110000111111010	461.750	100100101111010	462.340	100010000111010
461.165	0110000111111010	461.755	000100101111010	462.345	000010000111010
461.170	1010000111111010	461.760	111000101111010	462.350	100100000111010
461.175	0010000111111010	461.765	011000101111010	462.355	000100000111010
461.180	1100000111111010	461.770	101000101111010	462.360	111000000111010
461.185	0100000111111010	461.775	001000101111010	462.365	011000000111010
461.190	1000000111111010	461.780	110000101111010	462.370	101000000111010
461.195	0000000111111010	461.785	010000101111010	462.375	001000000111010
461.200	1001111011111010	461.790	100000101111010	462.380	110000000111010
461.205	0001111011111010	461.795	000000101111010	462.385	010000000111010

FREQUENCY	AR (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
462.390	100000000111010	462.980	110000101011010	463.570	101000010011010
462.395	000000000111010	462.985	010000101011010	463.575	001000010011010
462.400	100111111011010	462.990	100000101011010	463.580	110000010011010
462.405	000111111011010	462.995	000000101011010	463.585	010000010011010
462.410	111011111011010	463.000	100111001011010	463.590	100000010011010
462.415	011011111011010	463.005	000111001011010	463.595	000000010011010
462.420	101011111011010	463.010	111011001011010	463.600	100111000101010
462.425	001011111011010	463.015	011011001011010	463.605	000111000101010
462.430	110011111011010	463.020	101011001011010	463.610	111011100101010
462.435	010011111011010	463.025	001011001011010	463.615	011011100101010
462.440	100011111011010	463.030	110011001011010	463.620	101011100101010
462.445	000011111011010	463.035	010011001011010	463.625	001011100101010
462.450	100101111011010	463.040	100011001011010	463.630	110011100101010
462.455	000101111011010	463.045	000011001011010	463.635	010011100101010
462.460	111001111011010	463.050	100101001011010	463.640	100011100101010
462.465	011001111011010	463.055	000101001011010	463.645	000011100101010
462.470	101001111011010	463.060	111001001011010	463.650	100101100101010
462.475	001001111011010	463.065	011001001011010	463.655	0000101000101010
462.480	110001111011010	463.070	101001001011010	463.660	1110011000101010
462.485	010001111011010	463.075	001001001011010	463.665	0110011000101010
462.490	100001111011010	463.080	110001001011010	463.670	1010011000101010
462.495	000001111011010	463.085	010001001011010	463.675	0010011000101010
462.500	100110111011010	463.090	100001001011010	463.680	1100011000101010
462.505	000110111011010	463.095	000001001011010	463.685	0100011000101010
462.510	111010111011010	463.100	100110001011010	463.690	1000011000101010
462.515	011010111011010	463.105	000110001011010	463.695	0000011000101010
462.520	101010111011010	463.110	111010001011010	463.700	100101000101010
462.525	001010111011010	463.115	011010001011010	463.705	000101000101010
462.530	110010111011010	463.120	101010001011010	463.710	1110101000101010
462.535	010010111011010	463.125	001010001011010	463.715	0110101000101010
462.540	100010111011010	463.130	110010001011010	463.720	1010101000101010
462.545	000010111011010	463.135	010010001011010	463.725	0010101000101010
462.550	100100111011010	463.140	100010001011010	463.730	1100101000101010
462.555	000100111011010	463.145	000010001011010	463.735	0100101000101010
462.560	111000111011010	463.150	100100001011010	463.740	1000101000101010
462.565	011000111011010	463.155	000100001011010	463.745	0000101000101010
462.570	101000111011010	463.160	111000001011010	463.750	1001001000101010
462.575	001000111011010	463.165	011000001011010	463.755	0001001000101010
462.580	110000111011010	463.170	101000001011010	463.760	1110001000101010
462.585	010000111011010	463.175	001000001011010	463.765	0100001000101010
462.590	100000111011010	463.180	110000001011010	463.770	1010001000101010
462.595	000000111011010	463.185	010000001011010	463.775	0010001000101010
462.600	100111011011010	463.190	100000001011010	463.780	1100001000101010
462.605	000111011011010	463.195	000000001011010	463.785	0100001000101010
462.610	111011011011010	463.200	1001111000101010	463.790	1000001000101010
462.615	011011011011010	463.205	0001111000101010	463.795	0000010000101010
462.620	101011011011010	463.210	1110111000101010	463.800	1001110000101010
462.625	001011011011010	463.215	0110111000101010	463.805	0001110000101010
462.630	110011011011010	463.220	1010111000101010	463.810	1110110000101010
462.635	010011011011010	463.225	0010111000101010	463.815	0110110000101010
462.640	100011011011010	463.230	1100111000101010	463.820	1010110000101010
462.645	000011011011010	463.235	0100111000101010	463.825	0010110000101010
462.650	100101011011010	463.240	1000111000101010	463.830	1100110000101010
462.655	000101011011010	463.245	0000111000101010	463.835	0100110000101010
462.660	111001011011010	463.250	1001011000101010	463.840	1000110000101010
462.665	011001011011010	463.255	0001011000101010	463.845	0000110000101010
462.670	101001011011010	463.260	1110011000101010	463.850	1001010000101010
462.675	001001011011010	463.265	0110011000101010	463.855	0001010000101010
462.680	110001011011010	463.270	1010011000101010	463.860	1110001000101010
462.685	010001011011010	463.275	0010011000101010	463.865	0110010000101010
462.690	100001011011010	463.280	1100011000101010	463.870	1010010000101010
462.695	000001011011010	463.285	0100011000101010	463.875	0010010000101010
462.700	100110011011010	463.290	1000011000101010	463.880	1100010000101010
462.705	000110011011010	463.295	0000011000101010	463.885	0100010000101010
462.710	111010011011010	463.300	1001101000101010	463.890	1000010000101010
462.715	011010011011010	463.305	0001101000101010	463.895	0000010000101010
462.720	101010011011010	463.310	1110101000101010	463.900	1001100000101010
462.725	001010011011010	463.315	0110101000101010	463.905	0001100000101010
462.730	110010011011010	463.320	1010101000101010	463.910	1110100000101010
462.735	010010011011010	463.325	0010101000101010	463.915	0110100000101010
462.740	100010011011010	463.330	1100101000101010	463.920	1010100000101010
462.745	000010011011010	463.335	0100101000101010	463.925	0010100000101010
462.750	100100011011010	463.340	1000101000101010	463.930	1100100000101010
462.755	000100011011010	463.345	0000101000101010	463.935	0100100000101010
462.760	111000011011010	463.350	1001001000101010	463.940	1000100000101010
462.765	011000011011010	463.355	0001001000101010	463.945	0000100000101010
462.770	101000011011010	463.360	1110001000101010	463.950	1001000000101010
462.775	001000011011010	463.365	0110001000101010	463.955	0001000000101010
462.780	110000011011010	463.370	1010001000101010	463.960	1110000000101010
462.785	010000011011010	463.375	0010001000101010	463.965	0110000000101010
462.790	100000011011010	463.380	1100000100101010	463.970	1010000000101010
462.795	000000011011010	463.385	0100001000101010	463.975	0010000000101010
462.800	100111101011010	463.390	1000001000101010	463.980	1100000000101010
462.805	000111101011010	463.395	0000001000101010	463.985	0100000000101010
462.810	111011101011010	463.400	1001110100101010	463.990	1000000000101010
462.815	011011101011010	463.405	0001110100101010	463.995	0000000000101010
462.820	101011101011010	463.410	1110111010101010	464.000	1001111110101010
462.825	001011101011010	463.415	0110111010101010	464.005	0001111110101010
462.830	110011101011010	463.420	1010111010101010	464.010	1110111110101010
462.835	010011101011010	463.425	0010111010101010	464.015	0110111110101010
462.840	100011101011010	463.430	1100111010101010	464.020	1010111110101010
462.845	000011101011010	463.435	0100111010101010	464.025	0010111110101010
462.850	100101101011010	463.440	1000111010101010	464.030	1100111110101010
462.855	000101101011010	463.445	0000111010101010	464.035	0100111110101010
462.860	111001101011010	463.450	1001011010101010	464.040	1000111110101010
462.865	011001101011010	463.455	0001011010101010	464.045	0000111110101010
462.870	101001101011010	463.460	1110011010101010	464.050	1001011110101010
462.875	001001101011010	463.465	0110011010101010	464.055	0001011110101010
462.880	110001101011010	463.470	1010011010101010	464.060	1110011110101010
462.885	010001101011010	463.475	0010011010101010	464.065	0110011110101010
462.890	100001101011010	463.480	1100011010101010	464.070	1010011110101010
462.895	000001101011010	463.485	0100011010101010	464.075	0010011110101010
462.900	100110101011010	463.490	1000011010101010	464.080	1100011110101010
462.905	000110101011010	463.495	0000011010101010	464.085	0100011110101010
462.910	111010101011010	463.500	1001100010101010	464.090	1000011110101010
462.915	011010101011010	463.505	0001100010101010	464.095	0000011110101010
462.920	101010101011010	463.510	1110100010101010	464.100	1001011110101010
462.925	001010101011010	463.515	0110100010101010	464.105	0001011110101010
462.930	110010101011010	463.520	1010100010101010	464.110	1110101110101010
462.935	010010101011010	463.525	0010100010101010	464.115	0110101110101010
462.940	100010101011010	463.530	1100100010101010	464.120	1010101110101010
462.945	000010101011010	463.535	0100100010101010	464.125	0010101110101010
462.950	100100101011010	463.540	1000100010101010	464.130	1100101110101010
462.955	000100101011010	463.545	0000100010101010	464.135	0100101110101010
462.960	111000101011010	463.550	1001000010101010	464.140	1000011010101010
462.965	011000101011010	463.555	0001000010101010	464.145	0000011010101010
462.970	101000101011010	463.560	1110000010101010	464.150	1001001010101010
462.975	001000101011010	463.565	0110000010101010	464.155	0001001010101010

FREQUENCY	A9 (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AH (BINARY)
464.160	01100011101010	464.750	10010000101010	465.340	100010100101010
464.165	01100011101010	464.755	00010000101010	465.345	000010100101010
464.170	01000011101010	464.760	11100000101010	465.350	10010100101010
464.175	00100011101010	464.765	01100000101010	465.355	00010100101010
464.180	11000011101010	464.770	10100000101010	465.360	111000100101010
464.185	01000011101010	464.775	00100000101010	465.365	01100100101010
464.190	10000011101010	464.780	11000000101010	465.370	10100100101010
464.195	00000011101010	464.785	01000000101010	465.375	00100100101010
464.200	10011101101010	464.790	10000000101010	465.380	11000100101010
464.205	00011101101010	464.795	00000000101010	465.385	01000100101010
464.210	11101101101010	464.800	10011110101010	465.390	10000100101010
464.215	01101101101010	464.805	00011110101010	465.395	00000100101010
464.220	10101101101010	464.810	11101110101010	465.400	10011000101010
464.225	00101101101010	464.815	01101110101010	465.405	00011000101010
464.230	11001101101010	464.820	10101110101010	465.410	111011000101010
464.235	01001101101010	464.825	00101110101010	465.415	011011000101010
464.240	10001101101010	464.830	11001110101010	465.420	101011000101010
464.245	00001101101010	464.835	01001110101010	465.425	001011000101010
464.250	10010101101010	464.840	10001110101010	465.430	110011000101010
464.255	00010101101010	464.845	00001110101010	465.435	010011000101010
464.260	11100101101010	464.850	10010110101010	465.440	100011000101010
464.265	01100101101010	464.855	00010110101010	465.445	000011000101010
464.270	10100101101010	464.860	11100110101010	465.450	100101000101010
464.275	00100101101010	464.865	01100110101010	465.455	000101000101010
464.280	11000101101010	464.870	10100110101010	465.460	111001000101010
464.285	01000101101010	464.875	00100110101010	465.465	011001000101010
464.290	10000101101010	464.880	11000110101010	465.470	101001000101010
464.295	00000101101010	464.885	01000110101010	465.475	001001000101010
464.300	10011001101010	464.890	10000110101010	465.480	110001000101010
464.305	00011001101010	464.895	00000110101010	465.485	010001000101010
464.310	11101001101010	464.900	10011010101010	465.490	100001000101010
464.315	01101001101010	464.905	00011010101010	465.495	000001000101010
464.320	10101001101010	464.910	11101010101010	465.500	100110000101010
464.325	00101001101010	464.915	01101010101010	465.505	000110000101010
464.330	11001001101010	464.920	10101010101010	465.510	111010000101010
464.335	01001001101010	464.925	00101010101010	465.515	011010000101010
464.340	10001001101010	464.930	11001010101010	465.520	101010000101010
464.345	00001001101010	464.935	01001010101010	465.525	001010000101010
464.350	10010001101010	464.940	10001010101010	465.530	110010000101010
464.355	00010001101010	464.945	00001010101010	465.535	010010000101010
464.360	11100001101010	464.950	10010010101010	465.540	100010000101010
464.365	01100001101010	464.955	00010010101010	465.545	000010000101010
464.370	10100001101010	464.960	11100010101010	465.550	100100000101010
464.375	00100001101010	464.965	01100010101010	465.555	000100000101010
464.380	11000001101010	464.970	10100010101010	465.560	111000000101010
464.385	01000001101010	464.975	00100010101010	465.565	011000000101010
464.390	10000001101010	464.980	11000010101010	465.570	101000000101010
464.395	00000001101010	464.985	01000010101010	465.575	001000000101010
464.400	10011110101010	464.990	10000010101010	465.580	110000000101010
464.405	00011110101010	464.995	000000010101010	465.585	010000000101010
464.410	11101110101010	465.000	10011010101010	465.590	100000000101010
464.415	01101110101010	465.005	00011010101010	465.595	000000000101010
464.420	10101110101010	465.010	111011010101010	465.600	1001111000101010
464.425	00101110101010	465.015	011011010101010	465.605	0001111000101010
464.430	11001110101010	465.020	101011010101010	465.610	1110111000101010
464.435	01001110101010	465.025	001011010101010	465.615	0110111000101010
464.440	10001110101010	465.030	110011010101010	465.620	1010111000101010
464.445	00001110101010	465.035	010011010101010	465.625	0010111000101010
464.450	100101010101010	465.040	100011010101010	465.630	1100111000101010
464.455	000101010101010	465.045	000011010101010	465.635	0100111000101010
464.460	111001010101010	465.050	100101010101010	465.640	1000111000101010
464.465	011001010101010	465.055	000101010101010	465.645	0000111000101010
464.470	101001010101010	465.060	111001010101010	465.650	1001011000101010
464.475	001001010101010	465.065	011001010101010	465.655	0001011000101010
464.480	110001010101010	465.070	101001010101010	465.660	1110011000101010
464.485	010001010101010	465.075	001001010101010	465.665	0110011000101010
464.490	100001010101010	465.080	110001010101010	465.670	1010011000101010
464.495	000001010101010	465.085	010001010101010	465.675	0010011000101010
464.500	1001101010101010	465.090	100001010101010	465.680	1100011000101010
464.505	0001101010101010	465.095	000001010101010	465.685	0100011000101010
464.510	1110101010101010	465.100	100110010101010	465.690	1000011000101010
464.515	0110101010101010	465.105	000110010101010	465.695	0000011000101010
464.520	1010101010101010	465.110	111010010101010	465.700	1001011000101010
464.525	0010101010101010	465.115	011010010101010	465.705	0001011000101010
464.530	1100101010101010	465.120	101010010101010	465.710	1110101000101010
464.535	0100101010101010	465.125	001010010101010	465.715	0110101000101010
464.540	1000101010101010	465.130	110010010101010	465.720	1010101000101010
464.545	0000101010101010	465.135	010010010101010	465.725	0010101000101010
464.550	1001001010101010	465.140	100010010101010	465.730	1100101000101010
464.555	0001001010101010	465.145	000010010101010	465.735	0100101000101010
464.560	1110001010101010	465.150	100100010101010	465.740	1000101000101010
464.565	0110001010101010	465.155	000100010101010	465.745	0000101000101010
464.570	1010001010101010	465.160	111000010101010	465.750	1001001000101010
464.575	0010001010101010	465.165	011000010101010	465.755	0001001000101010
464.580	1100001010101010	465.170	101000010101010	465.760	1110001000101010
464.585	0100001010101010	465.175	001000010101010	465.765	0110001000101010
464.590	1000001010101010	465.180	110000010101010	465.770	1010001000101010
464.595	0000001010101010	465.185	010000010101010	465.775	0010001000101010
464.600	1001100010101010	465.190	100000010101010	465.780	1100001000101010
464.605	0001100010101010	465.195	000000010101010	465.785	0100001000101010
464.610	1110100010101010	465.200	100111000101010	465.790	1000001000101010
464.615	0110100010101010	465.205	000111000101010	465.795	0000001000101010
464.620	1010100010101010	465.210	111011000101010	465.800	1001101000101010
464.625	0010100010101010	465.215	011011000101010	465.805	0001101000101010
464.630	1100100010101010	465.220	101011000101010	465.810	111011000101010
464.635	0100100010101010	465.225	001011000101010	465.815	011011000101010
464.640	1000100010101010	465.230	110011000101010	465.820	101011000101010
464.645	0000100010101010	465.235	010011000101010	465.825	001011000101010
464.650	1001000100101010	465.240	100011000101010	465.830	110011000101010
464.655	0001000100101010	465.245	000011000101010	465.835	010011000101010
464.660	1110010010101010	465.250	1001011000101010	465.840	100011000101010
464.665	0110010010101010	465.255	0001011000101010	465.845	000011000101010
464.670	1010010010101010	465.260	1110011000101010	465.850	1001011000101010
464.675	0010010010101010	465.265	0110011000101010	465.855	0001011000101010
464.680	1100010010101010	465.270	1010011000101010	465.860	1110011000101010
464.685	0100010010101010	465.275	0010011000101010	465.865	0110011000101010
464.690	1000010010101010	465.280	1100011000101010	465.870	1010011000101010
464.695	0000010010101010	465.285	0100011000101010	465.875	0010011000101010
464.700	1001100010101010	465.290	1000011000101010	465.880	1100011000101010
464.705	0001100010101010	465.295	0000011000101010	465.885	0100011000101010
464.710	1110100010101010	465.300	100101000101010	465.890	1000011000101010
464.715	0110100010101010	465.305	000101000101010	465.895	0000011000101010
464.720	1010100010101010	465.310	1110100010101010	465.900	1001001000101010
464.725	0010100010101010	465.315	0110100010101010	465.905	0001001000101010
464.730	1100100010101010	465.320	1010100010101010	465.910	1110100010101010
464.735	0100100010101010	465.325	0010100010101010	465.915	0110100010101010
464.740	1000100010101010	465.330	1100100010101010	465.920	1010100010101010
464.745	0000100010101010	465.335	0100100010101010	465.925	0010100010101010

FREQUENCY	AR (RINARY)	FREQUENCY	AR (RINARY)	FREQUENCY	AR (RINARY)
465.930	110010011001010	466.520	101010110001010	467.110	11010000001010
465.935	100010011001010	466.525	001010110001010	467.115	011010000001010
465.940	100010011001010	466.530	110010110001010	467.120	101010000001010
465.945	000010011001010	466.535	010010110001010	467.125	001010000001010
465.950	100100011001010	466.540	100010110001010	467.130	110010000001010
465.955	000100011001010	466.545	000010110001010	467.135	010010000001010
465.960	111000011001010	466.550	100100110001010	467.140	100010000001010
465.965	011000011001010	466.555	0001000110001010	467.145	000010000001010
465.970	101000011001010	466.560	111000110001010	467.150	100100000001010
465.975	001000011001010	466.565	011000110001010	467.155	000100000001010
465.980	110000011001010	466.570	101000110001010	467.160	111000000001010
465.985	010000011001010	466.575	001000110001010	467.165	011000000001010
465.990	100000011001010	466.580	110000110001010	467.170	101000000001010
465.995	000000011001010	466.585	010000110001010	467.175	001000000001010
466.000	100111011001010	466.590	100000110001010	467.180	110000000001010
466.005	000111011001010	466.595	000000110001010	467.185	010000000001010
466.010	111011101001010	466.600	100111010001010	467.190	100000000001010
466.015	011011101001010	466.605	000111010001010	467.195	000000000001010
466.020	101011101001010	466.610	111011010001010	467.200	100111111110010
466.025	001011101001010	466.615	011011010001010	467.205	000111111110010
466.030	110011101001010	466.620	101011010001010	467.210	111011111110010
466.035	010011101001010	466.625	001011010001010	467.215	011011111110010
466.040	100011101001010	466.630	110011010001010	467.220	101011111110010
466.045	000011101001010	466.635	010011010001010	467.225	001011111110010
466.050	100101101001010	466.640	100011010001010	467.230	110011111110010
466.055	000101101001010	466.645	000011010001010	467.235	010011111110010
466.060	111001101001010	466.650	100101010001010	467.240	100011111110010
466.065	011001101001010	466.655	000101010001010	467.245	000011111110010
466.070	101001101001010	466.660	110001010001010	467.250	100101111110010
466.075	001001101001010	466.665	011001010001010	467.255	000101111110010
466.080	110001101001010	466.670	101001010001010	467.260	111001111110010
466.085	010001101001010	466.675	001001010001010	467.265	011001111110010
466.090	100001101001010	466.680	110001010001010	467.270	101001111110010
466.095	000001101001010	466.685	010001010001010	467.275	001001111110010
466.100	100110101001010	466.690	100001010001010	467.280	110001111110010
466.105	000110101001010	466.695	000001010001010	467.285	010001111110010
466.110	111010101001010	466.700	100110010001010	467.290	100001111110010
466.115	011010101001010	466.705	000110010001010	467.295	000001111110010
466.120	101010101001010	466.710	111010101001010	467.300	100110111110010
466.125	001010101001010	466.715	011010101001010	467.305	000110111110010
466.130	110010101001010	466.720	101010101001010	467.310	111010111110010
466.135	010010101001010	466.725	001010101001010	467.315	011010111110010
466.140	100010101001010	466.730	110010010001010	467.320	101010111110010
466.145	000010101001010	466.735	010010010001010	467.325	001010111110010
466.150	100100101001010	466.740	100010010001010	467.330	110010111110010
466.155	000100101001010	466.745	000010010001010	467.335	010010111110010
466.160	111000101001010	466.750	100100010001010	467.340	100010111110010
466.165	011000101001010	466.755	000100010001010	467.345	000010111110010
466.170	101000101001010	466.760	111000010001010	467.350	100100111110010
466.175	001000101001010	466.765	011000010001010	467.355	000100111110010
466.180	110000101001010	466.770	101000010001010	467.360	111000011110010
466.185	010000101001010	466.775	001000010001010	467.365	011000011110010
466.190	100000101001010	466.780	110000010001010	467.370	101000011110010
466.195	000000101001010	466.785	010000100001010	467.375	001000011110010
466.200	100111001001010	466.790	100000010001010	467.380	110000011110010
466.205	000111001001010	466.795	000000010001010	467.385	010000011110010
466.210	111011001001010	466.800	100111000001010	467.390	100000011110010
466.215	011011000101010	466.805	000011000001010	467.395	000000011110010
466.220	101011001001010	466.810	111011000001010	467.400	100110111110010
466.225	001011001001010	466.815	011011000001010	467.405	000110111110010
466.230	110011001001010	466.820	101011000001010	467.410	111010111110010
466.235	010011001001010	466.825	001011000001010	467.415	011010111110010
466.240	100011001001010	466.830	110011000001010	467.420	101010111110010
466.245	000011001001010	466.835	010011000001010	467.425	001010111110010
466.250	100100100101010	466.840	100011000001010	467.430	110010111110010
466.255	000100100101010	466.845	000011000001010	467.435	010010111110010
466.260	111001001001010	466.850	100101000001010	467.440	100101111110010
466.265	011001001001010	466.855	000101000001010	467.445	000010111110010
466.270	101001001001010	466.860	111001000001010	467.450	100101111110010
466.275	001001001001010	466.865	011001000001010	467.455	000101111110010
466.280	110001001001010	466.870	101001000001010	467.460	111001111110010
466.285	010001001001010	466.875	001001000001010	467.465	011001111110010
466.290	100001001001010	466.880	110001000001010	467.470	101001111110010
466.295	000001001001010	466.885	010001000001010	467.475	001001111110010
466.300	100110001001010	466.890	100001000001010	467.480	110001111110010
466.305	000110001001010	466.895	000001000001010	467.485	010001111110010
466.310	111010001001010	466.900	100110000001010	467.490	100001111110010
466.315	011010001001010	466.905	000010000001010	467.495	000000011110010
466.320	101010001001010	466.910	111010000001010	467.500	100110011110010
466.325	001010001001010	466.915	011010000001010	467.505	000110011110010
466.330	110010001001010	466.920	101010000001010	467.510	111000011110010
466.335	010010001001010	466.925	001010000001010	467.515	011000011110010
466.340	100010001001010	466.930	110010000001010	467.520	101000011110010
466.345	000010001001010	466.935	010010000001010	467.525	001000011110010
466.350	100100001001010	466.940	100010000001010	467.530	110010011110010
466.355	000100001001010	466.945	000010000001010	467.535	010010011110010
466.360	111000001001010	466.950	100100100001010	467.540	100010011110010
466.365	011000001001010	466.955	000100100001010	467.545	000010011110010
466.370	101000001001010	466.960	111000100001010	467.550	100100011110010
466.375	001000001001010	466.965	011000100001010	467.555	000100011110010
466.380	110000001001010	466.970	101000100001010	467.560	111000011110010
466.385	010000001001010	466.975	001000100001010	467.565	011000011110010
466.390	100000001001010	466.980	110000100001010	467.570	101000011110010
466.395	000000001001010	466.985	010000100001010	467.575	001000011110010
466.400	100111110001010	466.990	100000100001010	467.580	110000011110010
466.405	000111110001010	466.995	000000100001010	467.585	010000011110010
466.410	111011110001010	467.000	100111000001010	467.590	100000011110010
466.415	011011110001010	467.005	000111000001010	467.595	000000011110010
466.420	101011110001010	467.010	111011000001010	467.600	100111011110010
466.425	001011110001010	467.015	011011000001010	467.605	000111011110010
466.430	110011110001010	467.020	101011000001010	467.610	111011011110010
466.435	010011110001010	467.025	001011000001010	467.615	011011011110010
466.440	100011110001010	467.030	110011000001010	467.620	101011011110010
466.445	000011110001010	467.035	010011000001010	467.625	001011011110010
466.450	100101110001010	467.040	100011000001010	467.630	110011011110010
466.455	000101110001010	467.045	000011000001010	467.635	010011011110010
466.460	111001110001010	467.050	100101000001010	467.640	100011011110010
466.465	011001110001010	467.055	000101000001010	467.645	000011011110010
466.470	101001110001010	467.060	111001000001010	467.650	100101011110010
466.475	001001110001010	467.065	011001000001010	467.655	000101011110010
466.480	110001110001010	467.070	101001000001010	467.660	111001011110010
466.485	010001110001010	467.075	001001000001010	467.665	011001011110010
466.490	100001110001010	467.080	110001000001010	467.670	101001011110010
466.495	000001110001010	467.085	010001000001010	467.675	001001011110010
466.500	100110110001010	467.090	100001000001010	467.680	110001011110010
466.505	000110110001010	467.095	000000100001010	467.685	010001011110010
466.510	111010110001010	467.100	100110000001010	467.690	100001011110010
466.515	011010110001010	467.105	000110000001010	467.695	000000101110010

FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)
467.700	10011010110010	468.290	10000101010010	468.880	11000111010010
467.705	00011010110010	468.295	00000101010010	468.885	01000111010010
467.710	11101010110010	468.300	10011001010010	468.890	10000111010010
467.715	01101010110010	468.305	00011001010010	468.895	00000111010010
467.720	10101010110010	468.310	11101001010010	468.900	10011010110010
467.725	00101010110010	468.315	01101001010010	468.905	00011010110010
467.730	11001010110010	468.320	10101001010010	468.910	11101010110010
467.735	01001010110010	468.325	00101001010010	468.915	01101010110010
467.740	10001010110010	468.330	11001001010010	468.920	10101010110010
467.745	00001010110010	468.335	01001001010010	468.925	00101010110010
467.750	10010010110010	468.340	10001001010010	468.930	11001010110010
467.755	00010010110010	468.345	00001001010010	468.935	01001010110010
467.760	11100010110010	468.350	10010001010010	468.940	10001010110010
467.765	01100010110010	468.355	00010001010010	468.945	00001010110010
467.770	10100010110010	468.360	11100001010010	468.950	10010010110010
467.775	00100010110010	468.365	01100001010010	468.955	00010010110010
467.780	11000010110010	468.370	10100001010010	468.960	11100010110010
467.785	01000010110010	468.375	00100001010010	468.965	01100010110010
467.790	10000010110010	468.380	11000001010010	468.970	10100010110010
467.795	00000010110010	468.385	01000001010010	468.975	00100010110010
467.800	10011100110010	468.390	10000001010010	468.980	11000010110010
467.805	00011100110010	468.395	00000001010010	468.985	01000010110010
467.810	11101100110010	468.400	10011100110010	468.990	10000010110010
467.815	01101100110010	468.405	00011100110010	468.995	00000010110010
467.820	10101100110010	468.410	11101100110010	469.000	10011100110010
467.825	00101100110010	468.415	01101100110010	469.005	00011100110010
467.830	11001100110010	468.420	10101100110010	469.010	11101100110010
467.835	01001100110010	468.425	00101100110010	469.015	01101100110010
467.840	10001100110010	468.430	11001100110010	469.020	10101100110010
467.845	00001100110010	468.435	01001100110010	469.025	00101100110010
467.850	10010100110010	468.440	10001100110010	469.030	11001100110010
467.855	00010100110010	468.445	00001100110010	469.035	01001100110010
467.860	11100100110010	468.450	10010100110010	469.040	10001100110010
467.865	01100100110010	468.455	00010100110010	469.045	00001100110010
467.870	10100100110010	468.460	11100100110010	469.050	10010100110010
467.875	00100100110010	468.465	01100100110010	469.055	00010100110010
467.880	11000100110010	468.470	10100100110010	469.060	11100100110010
467.885	01000100110010	468.475	00100100110010	469.065	01100100110010
467.890	10000100110010	468.480	11000100110010	469.070	10100100110010
467.895	00000100110010	468.485	01000100110010	469.075	00100100110010
467.900	10011000110010	468.490	10000100110010	469.080	11000100110010
467.905	00011000110010	468.495	00000100110010	469.085	01000100110010
467.910	11101000110010	468.500	1001100100110010	469.090	10000010110010
467.915	01101000110010	468.505	0001100100110010	469.095	00000010110010
467.920	10101000110010	468.510	11101010010010	469.100	10011100110010
467.925	00101000110010	468.515	01101010010010	469.105	00011100110010
467.930	11001000110010	468.520	10101010010010	469.110	11101010010010
467.935	01001000110010	468.525	00101010010010	469.115	01101010010010
467.940	10001000110010	468.530	11001010010010	469.120	10101010010010
467.945	00001000110010	468.535	01001010010010	469.125	00101010010010
467.950	10010000110010	468.540	10001010010010	469.130	11001010010010
467.955	00010000110010	468.545	00001010010010	469.135	01001010010010
467.960	11100000110010	468.550	10010010010010	469.140	10001010010010
467.965	01100000110010	468.555	00010010010010	469.145	00001010010010
467.970	10100000110010	468.560	11100000110010	469.150	10010000110010
467.975	00100000110010	468.565	01100000110010	469.155	00010000110010
467.980	11000000110010	468.570	10100000110010	469.160	11100000110010
467.985	01000000110010	468.575	00100000110010	469.165	01100000110010
467.990	10000000110010	468.580	11000000110010	469.170	10100000110010
467.995	00000000110010	468.585	01000000110010	469.175	00100000110010
468.000	10011111010010	468.590	10000000110010	469.180	11000000110010
468.005	00011111010010	468.595	00000000110010	469.185	01000000110010
468.010	11101111010010	468.600	10011100010010	469.190	10000000110010
468.015	01101111010010	468.605	00011100010010	469.195	00000000110010
468.020	10101111010010	468.610	11101110010010	469.200	10011110010010
468.025	00101111010010	468.615	01101110010010	469.205	00011110010010
468.030	11001111010010	468.620	10101110010010	469.210	11101110010010
468.035	01001111010010	468.625	00101110010010	469.215	01101110010010
468.040	10001111010010	468.630	11001110010010	469.220	10101110010010
468.045	00001111010010	468.635	01001110010010	469.225	00101110010010
468.050	10010111010010	468.640	10001110010010	469.230	11001110010010
468.055	00010111010010	468.645	00001110010010	469.235	01001110010010
468.060	11100111010010	468.650	10010110010010	469.240	10001110010010
468.065	01100111010010	468.655	00010110010010	469.245	00001110010010
468.070	10100111010010	468.660	11100110010010	469.250	10010110010010
468.075	00100111010010	468.665	01100110010010	469.255	00010110010010
468.080	11000111010010	468.670	10100110010010	469.260	11100110010010
468.085	01000111010010	468.675	00100110010010	469.265	01100110010010
468.090	10000111010010	468.680	11000110010010	469.270	10100110010010
468.095	00000111010010	468.685	01000110010010	469.275	00100110010010
468.100	10011011010010	468.690	10000110010010	469.280	11000110010010
468.105	00011011010010	468.695	00000110010010	469.285	01000110010010
468.110	11101011010010	468.700	10011000010010	469.290	10000110010010
468.115	01101011010010	468.705	00011000010010	469.295	00000110010010
468.120	10101011010010	468.710	11101000010010	469.300	10011010010010
468.125	00101011010010	468.715	01101000010010	469.305	00011010010010
468.130	11001011010010	468.720	10101000010010	469.310	11101010010010
468.135	01001011010010	468.725	00101000010010	469.315	01101010010010
468.140	10001011010010	468.730	11001000010010	469.320	10101010010010
468.145	00001011010010	468.735	01001000010010	469.325	00101010010010
468.150	10010101010010	468.740	10001000010010	469.330	11001010010010
468.155	00010101010010	468.745	00001000010010	469.335	01001010010010
468.160	11100010100100	468.750	10010000010010	469.340	10001010010010
468.165	01100010100100	468.755	00010000010010	469.345	00001010010010
468.170	10100010100100	468.760	11100000010010	469.350	10010010010010
468.175	00100010100100	468.765	01100000010010	469.355	00010010010010
468.180	11000010100100	468.770	10100000010010	469.360	11100010010010
468.185	01000010100100	468.775	00100000010010	469.365	01100010010010
468.190	10000010100100	468.780	11000000010010	469.370	10100010010010
468.195	00000010100100	468.785	01000000010010	469.375	00100010010010
468.200	10011101010010	468.790	10000000010010	469.380	11000010010010
468.205	00011101010010	468.795	00000000010010	469.385	01000010010010
468.210	11101101010010	468.800	10011111010010	469.390	10000010010010
468.215	01101101010010	468.805	00011111010010	469.395	00000010010010
468.220	10101101010010	468.810	11101111010010	469.400	10011100100100
468.225	00101101010010	468.815	01101111010010	469.405	00011100100100
468.230	11001101010010	468.820	10101111010010	469.410	11101100100100
468.235	01001101010010	468.825	00101111010010	469.415	01101100100100
468.240	10001101010010	468.830	11001111010010	469.420	10101100100100
468.245	00001101010010	468.835	01001111010010	469.425	00101100100100
468.250	10010101010010	468.840	10001111010010	469.430	11001100100100
468.255	00010101010010	468.845	00001111010010	469.435	01001100100100
468.260	11100101010010	468.850	10010111010010	469.440	10001100100100
468.265	01100101010010	468.855	00010111010010	469.445	00001100100100
468.270	10100101010010	468.860	11100111010010	469.450	10010010010010
468.275	00100101010010	468.865	01100111010010	469.455	00010010010010
468.280	11000101010010	468.870	10100111010010	469.460	11100100100100
468.285	01000101010010	468.875	00100111010010	469.465	01100100100100

FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)	FREQUENCY	AR (BINARY)
469.470	101001001010010	469.650	100101110010010	469.830	110011010010010
469.475	001001001010010	469.655	000101110010010	469.835	010011010010010
469.480	110001001010010	469.660	111001110010010	469.840	100011010010010
469.485	010001001010010	469.665	011001110010010	469.845	000011010010010
469.490	100001001010010	469.670	101001110010010	469.850	100101010010010
469.495	000001001010010	469.675	001001110010010	469.855	000101010010010
469.500	100110001010010	469.680	110001110010010	469.860	111001010010010
469.505	000110001010010	469.685	010001110010010	469.865	011001010010010
469.510	111010001010010	469.690	100001110010010	469.870	101001010010010
469.515	011010001010010	469.695	000001110010010	469.875	001001010010010
469.520	101010001010010	469.700	100110110010010	469.880	110001010010010
469.525	001010001010010	469.705	000110110010010	469.885	010001010010010
469.530	110010001010010	469.710	111010110010010	469.890	100001010010010
469.535	010010001010010	469.715	011010110010010	469.895	000001010010010
469.540	100010001010010	469.720	101010110010010	469.900	100110010010010
469.545	000010001010010	469.725	001010110010010	469.905	000110010010010
469.550	100100001010010	469.730	110010110010010	469.910	111010010010010
469.555	000100001010010	469.735	010010110010010	469.915	011010010010010
469.560	111000001010010	469.740	100010110010010	469.920	101010010010010
469.565	011000001010010	469.745	000010110010010	469.925	001010010010010
469.570	101000001010010	469.750	100100110010010	469.930	110010010010010
469.575	001000001010010	469.755	000100110010010	469.935	010010010010010
469.580	110000001010010	469.760	111000110010010	469.940	100010010010010
469.585	010000001010010	469.765	011000110010010	469.945	000010010010010
469.590	100000001010010	469.770	101000110010010	469.950	100100010010010
469.595	000000001010010	469.775	001000110010010	469.955	000100010010010
469.600	100111110010010	469.780	110000110010010	469.960	111000010010010
469.605	000111110010010	469.785	010000110010010	469.965	011000010010010
469.610	111011110010010	469.790	100000110010010	469.970	101000010010010
469.615	011011110010010	469.795	000000110010010	469.975	001000010010010
469.620	101011110010010	469.800	100111010010010	469.980	110000010010010
469.625	001011110010010	469.805	000111010010010	469.985	010000010010010
469.630	110011110010010	469.810	111011010010010	469.990	100000010010010
469.635	010011110010010	469.815	011011010010010	469.995	000000010010010
469.640	100011110010010	469.820	101011010010010	470.000	100111000100100
469.645	000011110010010	469.825	001011010010010		

490.000 to 492.155

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
490.000	100111101011100	490.540	100010110011100	491.080	110001000011100	491.620	101011101101100
490.005	000111101011100	490.545	000010110011100	491.085	010001000011100	491.625	001011101101100
490.010	111011101011100	490.550	100110110011100	491.090	111010000111100	491.630	110011101101100
490.015	011011101011100	490.555	000100110011100	491.095	000001000011100	491.635	010011101101100
490.020	101011101011100	490.560	111000110011100	491.100	100110000011100	491.640	100011101101100
490.025	001011101011100	490.565	011000110011100	491.105	000110000011100	491.645	000011101101100
490.030	110101101011100	490.570	101000110011100	491.110	111010000111100	491.650	100101101101100
490.035	010011101011100	490.575	001000110011100	491.115	011010000111100	491.655	000101101101100
490.040	1000111011101100	490.580	110000110011100	491.120	101010000111100	491.660	111001101101100
490.045	0000111011101100	490.585	010000110011100	491.125	001010000111100	491.665	011001101101100
490.050	1001011011101100	490.590	100000110011100	491.130	110010000111100	491.670	101001101101100
490.055	0001011011101100	490.595	000000110011100	491.135	010010000111100	491.675	001001101101100
490.060	1110011011101100	490.600	1001101011101100	491.140	100010000111100	491.680	110001101101100
490.065	0110011011101100	490.605	0001101011101100	491.145	000010000111100	491.685	010001101101100
490.070	1010011011101100	490.610	1110101011101100	491.150	100100000111100	491.690	100001101101100
490.075	0010011011101100	490.615	0110101011101100	491.155	000100000111100	491.695	000001101101100
490.080	1100011011101100	490.620	1010101011101100	491.160	111000000111100	491.700	100110101101100
490.085	0100011011101100	490.625	0010101011101100	491.165	011000000111100	491.705	000110101101100
490.090	1000011011101100	490.630	1100101011101100	491.170	101000000111100	491.710	111010101101100
490.095	0000011011101100	490.635	0100101011101100	491.175	001000000111100	491.715	011010101101100
490.100	1001101011101100	490.640	1000101011101100	491.180	110000000111100	491.720	101010101101100
490.105	0001101011101100	490.645	0000101011101100	491.185	010000000111100	491.725	001010101101100
490.110	1110101011101100	490.650	10010101011101100	491.190	100000000111100	491.730	110010101101100
490.115	0110101011101100	490.655	00010101011101100	491.195	000000000111100	491.735	010010101101100
490.120	1010101011101100	490.660	11100101011101100	491.200	10011111101101100	491.740	100010101101100
490.125	0010101011101100	490.665	01100101011101100	491.205	00011111101101100	491.745	000010101101100
490.130	1100101011101100	490.670	1010101011101100	491.210	11101111101101100	491.750	100100101101100
490.135	0100101011101100	490.675	00100101011101100	491.215	01101111101101100	491.755	000100101101100
490.140	1000101011101100	490.680	11000101011101100	491.220	10101111101101100	491.760	111000101101100
490.145	0000101011101100	490.685	01000101011101100	491.225	00101111101101100	491.765	011000101101100
490.150	1001001011101100	490.690	10000101011101100	491.230	11001111101101100	491.770	101000101101100
490.155	0001001011101100	490.695	00000101011101100	491.235	01001111101101100	491.775	010000101101100
490.160	1110001011101100	490.700	10011001011101100	491.240	10001111101101100	491.780	110000101101100
490.165	0110001011101100	490.705	00011001011101100	491.245	00001111101101100	491.785	010000101101100
490.170	1010001011101100	490.710	1110101011101100	491.250	10010111101101100	491.790	100000101101100
490.175	0010001011101100	490.715	0110101011101100	491.255	00010111101101100	491.795	000000101101100
490.180	1100001011101100	490.720	10101001011101100	491.260	11100111101101100	491.800	100111001101100
490.185	0100001011101100	490.725	00101001011101100	491.265	01100111101101100	491.805	000111001101100
490.190	1000001011101100	490.730	11001001011101100	491.270	10100111101101100	491.810	1110100101101100
490.195	0000001011101100	490.735	01001001011101100	491.275	00100111101101100	491.815	0110100101101100
490.200	1001110011011100	490.740	10001001011101100	491.280	11000111101101100	491.820	1010100101101100
490.205	0001110011011100	490.745	00001001011101100	491.285	01000111101101100	491.825	0010100101101100
490.210	1110110011011100	490.750	10010001011101100	491.290	10000111101101100	491.830	1100100101101100
490.215	0110110011011100	490.755	00010001011101100	491.295	00000111101101100	491.835	0100100101101100
490.220	1010110011011100	490.760	1110010011011100	491.300	10011011101101100	491.840	1000100101101100
490.225	0010110011011100	490.765	01100001011101100	491.305	00011011101101100	491.845	0000100101101100
490.230	1100110011011100	490.770	10100001011101100	491.310	11101011101101100	491.850	100100101101100
490.235	0100110011011100	490.775	00100001011101100	491.315	01101011101101100	491.855	000100101101100
490.240	1000110011011100	490.780	11000001011101100	491.320	10101011101101100	491.860	111000101101100
490.245	0000110011011100	490.785	01000001011101100	491.325	00101011101101100	491.865	011000101101100
490.250	1001001011011100	490.790	10000001011101100	491.330	11001011101101100	491.870	101000101101100
490.255	0001001011011100	490.795	00000001011101100	491.335	01001011101101100	491.875	001000101101100
490.260	1110001011011100	490.800	10011110011101100	491.340	10001011101101100	491.880	110000101101100
490.265	0110001011011100	490.805	00011110011101100	491.345	00001011101101100	491.885	010000101101100
490.270	1010001011011100	490.810	11101110011101100	491.350	10010011101101100	491.890	100000101101100
490.275	0010001011011100	490.815	01101110011101100	491.355	00010011101101100	491.895	000000101101100
490.280	1100001011011100	490.820	10101110011101100	491.360	11100011101101100	491.900	10011000101101100
490.285	0100001011011100	490.825	00101110011101100	491.365	01100011101101100	491.905	00011000101101100
490.290	1000001011011100	490.830	11001110011101100	491.370	10100011101101100	491.910	11101000101101100
490.295	0000001011011100	490.835	01001110011101100	491.375	00100011101101100	491.915	01101000101101100
490.300	1001110001011100	490.840	10001110011101100	491.380	11000011101101100	491.920	10101000101101100
490.305	0001110001011100	490.845	00001110011101100	491.385	01000011101101100	491.925	00101000101101100
490.310	1110110001011100	490.850	10010110011101100	491.390	10000011101101100	491.930	11001000101101100
490.315	0110110001011100	490.855	00010110011101100	491.395	00000011101101100	491.935	01001000101101100
490.320	1010110001011100	490.860	11100110011101100	491.400	10011011101101100	491.940	10001000101101100
490.325	0010110001011100	490.865	01100110011101100	491.405	00011011101101100	491.945	00001000101101100
490.330	1100110001011100	490.870	10100110011101100	491.410	11101011101101100	491.950	10010000101101100
490.335	0100110001011100	490.875	00100110011101100	491.415	01101011101101100	491.955	00010000101101100
490.340	1000110001011100	490.880	11000110011101100	491.420	10101011101101100	491.960	11100000101101100
490.345	0000110001011100	490.885	01000110011101100	491.425	00101011101101100	491.965	01100000101101100
490.350	1001000010111100	490.890	10000110011101100	491.430	11001011101101100	491.970	10100000101101100
490.355	0001000010111100	490.895	00000110011101100	491.435	01001011101101100	491.975	00100000101101100
490.360	1110000010111100	490.900	10011010011101100	491.440	10001011101101100	491.980	11000000101101100
490.365	0110000010111100	490.905	00011010011101100	491.445	00001011101101100	491.985	01000000101101100
490.370	1010000010111100	490.910	11101010011101100	491.450	10010101101101100	491.990	10000000101101100
490.375	0010000010111100	490.915	01101010011101100	491.455	00010101101101100	491.995	00000000101101100
490.380	1100000010111100	490.920	10101010011101100	491.460	11100101101101100	492.000	100111101101100
490.385	0100000010111100	490.925	00101010011101100	491.465	01100101101101100	492.005	000111101101100
490.390	1000000010111100	490.930	11001010011101100	491.470	10100101101101100	492.010	111011101101100
490.395	0000000010111100	490.935	01001010011101100	491.475	00100101101101100	492.015	011011101101100
490.400	100111110011100	490.940	10001010011101100	491.480	11000101101101100	492.020	101011101101100
490.405	000111110011100	490.945	00001010011101100	491.485	01000101101101100	492.025	001011101101100
490.410	111011110011100	490.950	10010010011101100	491.490	10000101101101100	492.030	110011101101100
490.415	011011110011100	490.955	00010010011101100	491.495	00000101101101100	492.035	010011101101100
490.420	101011110011100	490.960	111000010011100	491.500	10011001101101100	492.040	100011101101100
490.425	001011110011100	490.965	011000010011100	491.505	00011001101101100	492.045	000011101101100
490.430	110011110011100	490.970	101000010011100	491.510	11100101101101100	492.050	100101101101100
490.435	010011110011100	490.975	001000010011100	491.515	01100101101101100	492.055	000101101101100
490.440	100011110011100	490.980	110000010011100	491.520	10100101101101100	492.060	11100101101101100
490.445	000011110011100	490.985	010000010011100	491.525	00100101101101100	492.065	01100101101101100
490.450	100101110011100	490.990					

492.160 to 494.315

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
492.160	111000110101100	492.700	100110000101100	493.240	100011101001100	493.780	110000110001100
492.165	011000110101100	492.705	000110000101100	493.245	000011101001100	493.785	010000110001100
492.170	101000110101100	492.710	111010000101100	493.250	100101101001100	493.790	100000110001100
492.175	011000110101100	492.715	011010000101100	493.255	000101101001100	493.795	000000110001100
492.180	110000110101100	492.720	101010000101100	493.260	111001101001100	493.800	100111010001100
492.185	010000110101100	492.725	001010000101100	493.265	011001101001100	493.805	000111010001100
492.190	100000110101100	492.730	110010000101100	493.270	101001101001100	493.810	111011010001100
492.195	000000110101100	492.735	010010000101100	493.275	001001101001100	493.815	011011010001100
492.200	100111010101100	492.740	100010000101100	493.280	110001101001100	493.820	101011010001100
492.205	000111010101100	492.745	000010000101100	493.285	010001101001100	493.825	001011010001100
492.210	111011010101100	492.750	100100000101100	493.290	100001101001100	493.830	110011010001100
492.215	011011010101100	492.755	000100000101100	493.295	000001101001100	493.835	010011010001100
492.220	101011010101100	492.760	111000000101100	493.300	100110101001100	493.840	100011010001100
492.225	001011010101100	492.765	011000000101100	493.305	000110101001100	493.845	001011010001100
492.230	110011010101100	492.770	101000000101100	493.310	111010101001100	493.850	100101010001100
492.235	010011010101100	492.775	001000000101100	493.315	011010101001100	493.855	000101010001100
492.240	100011010101100	492.780	110000000101100	493.320	101010101001100	493.860	111001010001100
492.245	000011010101100	492.785	010000000101100	493.325	001010101001100	493.865	011001010001100
492.250	100101010101100	492.790	100000000101100	493.330	110010101001100	493.870	101001010001100
492.255	000101010101100	492.795	000000000101100	493.335	010010101001100	493.875	001001010001100
492.260	111001010101100	492.800	100111110001100	493.340	100010101001100	493.880	110001010001100
492.265	011001010101100	492.805	000111110001100	493.345	000010101001100	493.885	010001010001100
492.270	101001010101100	492.810	111011110001100	493.350	100100101001100	493.890	100001010001100
492.275	001001010101100	492.815	011011110001100	493.355	000100101001100	493.895	000001010001100
492.280	110001010101100	492.820	101011110001100	493.360	111000101001100	493.900	100110010001100
492.285	010001010101100	492.825	001011110001100	493.365	011000101001100	493.905	000110010001100
492.290	100001010101100	492.830	110011110001100	493.370	101000101001100	493.910	111010010001100
492.295	000001010101100	492.835	010011110001100	493.375	001000101001100	493.915	011010010001100
492.300	100110010101100	492.840	100011110001100	493.380	110000101001100	493.920	101010010001100
492.305	000110010101100	492.845	000011110001100	493.385	010000101001100	493.925	001010010001100
492.310	111010010101100	492.850	100101110001100	493.390	100000101001100	493.930	110010010001100
492.315	011010010101100	492.855	000101110001100	493.395	000000101001100	493.935	010010010001100
492.320	101010010101100	492.860	111001110001100	493.400	10011100010001100	493.940	100010010001100
492.325	001010010101100	492.865	011001110001100	493.405	00011100010001100	493.945	000010010001100
492.330	110010010101100	492.870	101001110001100	493.410	11101100010001100	493.950	100100010001100
492.335	010010010101100	492.875	001001110001100	493.415	01101100010001100	493.955	000100010001100
492.340	100010010101100	492.880	110001110001100	493.420	10101100010001100	493.960	111000010001100
492.345	000010010101100	492.885	010001110001100	493.425	00101100010001100	493.965	010000010001100
492.350	100100010101100	492.890	100001110001100	493.430	11001100010001100	493.970	101000010001100
492.355	000100010101100	492.895	000001110001100	493.435	01001100010001100	493.975	001000010001100
492.360	111000010101100	492.900	100101110001100	493.440	10001100010001100	493.980	110000010001100
492.365	011000010101100	492.905	000101110001100	493.445	00001100010001100	493.985	010000010001100
492.370	101000010101100	492.910	111001110001100	493.450	100100010001100	493.990	100000010001100
492.375	001000010101100	492.915	011001110001100	493.455	000100010001100	493.995	000000010001100
492.380	110000010101100	492.920	101001110001100	493.460	111000010001100	494.000	10011100010001100
492.385	010000010101100	492.925	001001110001100	493.465	011000010001100	494.005	00011100010001100
492.390	100000010101100	492.930	111001110001100	493.470	101000010001100	494.010	11101100010001100
492.395	000000010101100	492.935	010001110001100	493.475	001000010001100	494.015	01101100010001100
492.400	10011100010101100	492.940	100001110001100	493.480	110000010001100	494.020	10101100010001100
492.405	00011100010101100	492.945	000001110001100	493.485	010000010001100	494.025	00101100010001100
492.410	11101100010101100	492.950	1001000110001100	493.490	100000010001100	494.030	11001100010001100
492.415	01101100010101100	492.955	0001000110001100	493.495	000000010001100	494.035	01001100010001100
492.420	10101100010101100	492.960	1110000110001100	493.500	10011000010001100	494.040	10001100010001100
492.425	00101100010101100	492.965	0110000110001100	493.505	00011000010001100	494.045	00001100010001100
492.430	11001100010101100	492.970	1010000110001100	493.510	111000010001100	494.050	10010100010001100
492.435	01001100010101100	492.975	0010000110001100	493.515	011000010001100	494.055	00010100010001100
492.440	10001100010101100	492.980	1100000110001100	493.520	101000010001100	494.060	11100100010001100
492.445	00001100010101100	492.985	0100000110001100	493.525	001000010001100	494.065	01100100010001100
492.450	10010100010101100	492.990	1000000110001100	493.530	110000010001100	494.070	10100100010001100
492.455	00010100010101100	492.995	0000000110001100	493.535	010000010001100	494.075	00100100010001100
492.460	11100100010101100	493.000	100111010001100	493.540	10000000010001100	494.080	110000010001100
492.465	01100100010101100	493.005	000111010001100	493.545	00000000010001100	494.085	010000010001100
492.470	10100100010101100	493.010	111011010001100	493.550	10010000010001100	494.090	100000010001100
492.475	00100100010101100	493.015	011011010001100	493.555	00010000010001100	494.095	000000010001100
492.480	11000100010101100	493.020	101011010001100	493.560	11100000010001100	494.100	10010100010001100
492.485	01000100010101100	493.025	001011010001100	493.565	01100000010001100	494.105	00010100010001100
492.490	10000100010101100	493.030	110011010001100	493.570	10100000010001100	494.110	11100100010001100
492.495	00000100010101100	493.035	010011010001100	493.575	00100000010001100	494.115	01100100010001100
492.500	10010100010101100	493.040	100011010001100	493.580	11000000010001100	494.120	10100100010001100
492.505	00010100010101100	493.045	000011010001100	493.585	01000000010001100	494.125	00100100010001100
492.510	11101000010101100	493.050	100101010001100	493.590	10000000010001100	494.130	11000100010001100
492.515	01101000010101100	493.055	000101010001100	493.595	00000000010001100	494.135	01000100010001100
492.520	10101000010101100	493.060	111001010001100	493.600	1001110000010001100	494.140	10000100010001100
492.525	00101000010101100	493.065	011001010001100	493.605	0001110000010001100	494.145	00000100010001100
492.530	11001000010101100	493.070	101001010001100	493.610	1110110000010001100	494.150	1001000100010001100
492.535	01001000010101100	493.075	001001010001100	493.615	0110110000010001100	494.155	0001000100010001100
492.540	10001000010101100	493.080	110001010001100	493.620	1010110000010001100	494.160	1110000100010001100
492.545	00001000010101100	493.085	010001010001100	493.625	0010110000010001100	494.165	0110000100010001100
492.550	10010000010101100	493.090	100001010001100	493.630	1100110000010001100	494.170	1010000100010001100
492.555	00010000010101100	493.095	000001010001100	493.635	0100110000010001100	494.175	0010000100010001100
492.560	11100000010101100	493.100	10010000010001100	493.640	1000110000010001100	494.180	1100000100010001100
492.565	01100000010101100	493.105	00010000010001100	493.645	0000110000010001100	494.185	0100000100010001100
492.570	10100000010101100	493.110	11100000010001100	493.650	1001010000010001100	494.190	1000000100010001100
492.575	00100000010101100	493.115	01100000010001100	493.655	0001010000010001100	494.195	0000000100010001100
492.580	11000000010101100	493.120	10100000010001100	493.660	11100000010001100	494.200	1001100000010001100
492.585	01000000010101100	493.125	00100000010001100	493.665	01100000010001100	494.205	0001100000010001100
492.590	10000000010101100	493.130	11000000010001100	493.670	10100000010001100	494.210	1110010000010001100
492.595	00000000010101100	493.135	01000000010001100	493.675	00100000010001100	494.215	0110010000010001100
492.600	1001110000010101100	493.140	10000000010001100	493.680	11000000010001100	494.220	1010010000010001100
492.605	0001110000010101100	493.145	00000000010				

494,320 to 496,475

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
494.320	101010000001100	494.860	111001101110100	495.400	100111010110100	495.940	100010000110100
494.325	001010000001100	494.865	011001101110100	495.405	000111010110100	495.945	000010000110100
494.330	100010000001100	494.870	101001101110100	495.410	111010101010100	495.950	100100000110100
494.335	010010000001100	494.875	001001101110100	495.415	011010101010100	495.955	000100000110100
494.340	100010000001100	494.880	110001101110100	495.420	101010101010100	495.960	111000000110100
494.345	000010000001100	494.885	010001101110100	495.425	001010101010100	495.965	011000000110100
494.350	100100000001100	494.890	100001101110100	495.430	110010101010100	495.970	011000000110100
494.355	000100000001100	494.895	000001101110100	495.435	010010101010100	495.975	001000000110100
494.360	111000000001100	494.900	100101010101010	495.440	100010101010100	495.980	110000000110100
494.365	011000000001100	494.905	000101010101010	495.445	000010101010100	495.985	010000000110100
494.370	101000000001100	494.910	111010101010100	495.450	100101010101010	495.990	100000000110100
494.375	001000000001100	494.915	011010101010100	495.455	000101010101010	495.995	000000000110100
494.380	110000000001100	494.920	101010101010100	495.460	111001010101010	496.000	01101111010100
494.385	010000000001100	494.925	001010101010100	495.465	011001010101010	496.005	00011111010100
494.390	100000000001100	494.930	110010101010100	495.470	101001010101010	496.010	11101111010100
494.395	000000000001100	494.935	010010101010100	495.475	001001010101010	496.015	01101111010100
494.400	100111111101000	494.940	100010101010100	495.480	110001010101010	496.020	10101111010100
494.405	000111111101000	494.945	000010101010100	495.485	010001010101010	496.025	00101111010100
494.410	110111111101000	494.950	100100101010100	495.490	100001010101010	496.030	11001111010100
494.415	011011111101000	494.955	000100101010100	495.495	000001010101010	496.035	01001111010100
494.420	101011111101000	494.960	111000101010100	495.500	100110010101010	496.040	10001111010100
494.425	001011111101000	494.965	011000101010100	495.505	000110010101010	496.045	00001111010100
494.430	110011111101000	494.970	101000101010100	495.510	111001010101010	496.050	10010111010100
494.435	010011111101000	494.975	001000101010100	495.515	011010101010100	496.055	00010111010100
494.440	100011111101000	494.980	110000101010100	495.520	101001010101010	496.060	11100111010100
494.445	000011111101000	494.985	010000101010100	495.525	001001010101010	496.065	01100111010100
494.450	100101111101000	494.990	100000101010100	495.530	110010010101010	496.070	10100111010100
494.455	000101111101000	494.995	000000111101000	495.535	100010010101010	496.075	01000111010100
494.460	111001111101000	495.000	100111001101000	495.540	100010010101010	496.080	11000111010100
494.465	011001111101000	495.005	000111001101000	495.545	000010010101010	496.085	01000111010100
494.470	101001111101000	495.010	111010010101000	495.550	100100010101010	496.090	10000111010100
494.475	001001111101000	495.015	011010010101000	495.555	000100010101010	496.095	00000111010100
494.480	110001111101000	495.020	101010010101000	495.560	111000010101010	496.100	10010111010100
494.485	010001111101000	495.025	001010010101000	495.565	011000010101010	496.105	00010111010100
494.490	100000111101000	495.030	110010010101000	495.570	101000010101010	496.110	11100111010100
494.495	000000111101000	495.035	010011001101000	495.575	001000010101010	496.115	01101011010100
494.500	100101010101000	495.040	100011001101000	495.580	110000010101010	496.120	10100101010100
494.505	000101010101000	495.045	000011001101000	495.585	010000010101010	496.125	00100101010100
494.510	111001010101000	495.050	100100010101000	495.590	100000010101010	496.130	11000101010100
494.515	011001010101000	495.055	000100010101000	495.595	000000010101010	496.135	01000101010100
494.520	101001010101000	495.060	111001001010100	495.600	100111001010100	496.140	10001001010100
494.525	001001010101000	495.065	011001001010100	495.605	000111001010100	496.145	00000101010100
494.530	110001010101000	495.070	101001001010100	495.610	111011001010100	496.150	10010001010100
494.535	010001010101000	495.075	001001001010100	495.615	011011001010100	496.155	00010001010100
494.540	100001010101000	495.080	110001001010100	495.620	101011001010100	496.160	11100001010100
494.545	000001010101000	495.085	010001001010100	495.625	001011001010100	496.165	01100001010100
494.550	100100010101000	495.090	100001001010100	495.630	110011001010100	496.170	10100001010100
494.555	000100010101000	495.095	000001001010100	495.635	010011001010100	496.175	00100001010100
494.560	111000010101000	495.100	100110000101000	495.640	100011000101000	496.180	11000001010100
494.565	011000010101000	495.105	000110000101000	495.645	000001100101000	496.185	01000001010100
494.570	101000010101000	495.110	111000001010100	495.650	100101000101000	496.190	10000001010100
494.575	001000010101000	495.115	011000001010100	495.655	000101000101000	496.195	00000001010100
494.580	110000010101000	495.120	101000001010100	495.660	111001000101000	496.200	100101000101000
494.585	010000010101000	495.125	001000001010100	495.665	011001000101000	496.205	000101000101000
494.590	100000010101000	495.130	110010000101000	495.670	101001000101000	496.210	111001000101000
494.595	000000010101000	495.135	010010000101000	495.675	001001000101000	496.215	011001000101000
494.600	100110010101000	495.140	100010000101000	495.680	110001000101000	496.220	101001000101000
494.605	000110010101000	495.145	000001000101000	495.685	010001000101000	496.225	001001000101000
494.610	111001010101000	495.150	100100000101000	495.690	100001000101000	496.230	110001000101000
494.615	011001010101000	495.155	000100000101000	495.695	000000010001000	496.235	010001000101000
494.620	101010101010100	495.160	111000000101000	495.700	100101000101000	496.240	100001000101000
494.625	001010101010100	495.165	011000000101000	495.705	000101000101000	496.245	000001000101000
494.630	110010101010100	495.170	101000000101000	495.710	111001000101000	496.250	100100010001000
494.635	010010101010100	495.175	001000000101000	495.715	011001000101000	496.255	000100010001000
494.640	100010101010100	495.180	110000000101000	495.720	101001000101000	496.260	111000010001000
494.645	000010101010100	495.185	010000000101000	495.725	001001000101000	496.265	011000010001000
494.650	100101010101000	495.190	100000000101000	495.730	110010000101000	496.270	101000010001000
494.655	000101010101000	495.195	000000000101000	495.735	010010000101000	496.275	001000010001000
494.660	111001010101000	495.200	100111101010100	495.740	100010000101000	496.280	110000010001000
494.665	011001010101000	495.205	000111101010100	495.745	000001000101000	496.285	010000010001000
494.670	101001010101000	495.210	111011101010100	495.750	100100000101000	496.290	100000010001000
494.675	001001010101000	495.215	011011101010100	495.755	000100000101000	496.295	000000010001000
494.680	110001010101000	495.220	101011101010100	495.760	111000000101000	496.300	100100000101000
494.685	010001010101000	495.225	001011101010100	495.765	011000000101000	496.305	000100000101000
494.690	100000010101000	495.230	110011101010100	495.770	101000000101000	496.310	111000000101000
494.695	000000010101000	495.235	010011101010100	495.775	001000000101000	496.315	011000000101000
494.700	100100010101000	495.240	100011101010100	495.780	110000000101000	496.320	101000000101000
494.705	000100010101000	495.245	000001101010100	495.785	010000000101000	496.325	001000000101000
494.710	111001001010100	495.250	100101010101000	495.790	100000000101000	496.330	110000000101000
494.715	011001001010100	495.255	000101010101000	495.795	000000000101000	496.335	010000000101000
494.720	101001001010100	495.260	111001010101000	495.800	100110000101000	496.340	100000000101000
494.725	001001001010100	495.265	011001010101000	495.805	000110000101000	496.345	000000000101000
494.730	110001001010100	495.270	101001010101000	495.810	111010000101000	496.350	100100000101000
494.735	010001001010100	495.275	001001010101000	495.815	011010000101000	496.355	000100000101000
494.740	100001001010100	495.280	110001010101000	495.820	101010000101000	496.360	111000000101000
494.745	000001001010100	495.285	010001010101000	495.825	001010000101000	496.365	011000000101000
494.750	100100001010100	495.290	100001010101000	495.830	110010000101000	496.370	101000000101000
494.755	000100001010100	495.295	000001010101000	495.835	010010000101000	496.375	001000000101000
494.760	111000001010100	495.300	100101001010100	495.840	100001000010100	496.380	110000000101000
494.765	011000001010100	495.305	001010101010100	495.845	000001000010100	496.385	010000000101000
494.770	101000001010100	495.310	111001001010100	495.850	100100000010100	496.390	100000000101000
494.775	001000001010100	495.315	011001001010100	495.855	000100000010100	496.395	000000000101000
494.780	110000001010100	495.320	101001001010100	495.860	111000000010100	496.400	100111010101000
494.785	010000001010100	495.325	001001001010100	495.865			

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
496.480	110001101010100	497.020	101011101001000	497.560	1110000000010100	498.100	100110101100100
496.485	110001101010100	497.025	001011010010010	497.565	0110000000010100	498.105	000110101100100
496.490	100001101010100	497.030	110011010010010	497.570	1010000000010100	498.110	111010101100100
496.495	000001101010100	497.035	010011101001000	497.575	0010000000010100	498.115	011010101100100
496.500	100110101010100	497.040	100011101001000	497.580	1100000000010100	498.120	101010101100100
496.505	000110101010100	497.045	000011010010010	497.585	0100000000010100	498.125	001010101100100
496.510	111010101010100	497.050	100101010010010	497.590	1000000000010100	498.130	110010101100100
496.515	011010101010100	497.055	000101001001000	497.595	0000000000010100	498.135	010010101100100
496.520	101010101010100	497.060	111001010010010	497.600	100111111100100	498.140	100010101100100
496.525	001010101010100	497.065	011001010010010	497.605	000111111100100	498.145	000010101100100
496.530	110010101010100	497.070	101001010010010	497.610	111011111100100	498.150	100100101100100
496.535	011010101010100	497.075	001001010010010	497.615	011011111100100	498.155	000100101100100
496.540	100010101010100	497.080	110001010010010	497.620	101011111100100	498.160	111000101100100
496.545	000010101010100	497.085	010001001001000	497.625	001011111100100	498.165	011000101100100
496.550	100100101010100	497.090	100001001001000	497.630	110011111100100	498.170	101000101100100
496.555	000100101010100	497.095	000001001001000	497.635	010011111100100	498.175	001000101100100
496.560	111000101010100	497.100	100110010010010	497.640	100011111100100	498.180	110000101100100
496.565	011000101010100	497.105	000110010010010	497.645	000011111100100	498.185	010000101100100
496.570	101000101010100	497.110	111010010010010	497.650	100101111100100	498.190	100000101100100
496.575	001000101010100	497.115	011010010010010	497.655	000101111100100	498.195	000000101100100
496.580	110000101010100	497.120	101010010010010	497.660	111001111100100	498.200	100111001100100
496.585	010000101010100	497.125	001010010010010	497.665	011001111100100	498.205	000111001100100
496.590	100000101010100	497.130	110010010010010	497.670	101001111100100	498.210	111011001100100
496.595	000000101010100	497.135	010010010010010	497.675	001001111100100	498.215	011011001100100
496.600	100111001010100	497.140	100010010010010	497.680	110001111100100	498.220	101011001100100
496.605	000111001010100	497.145	000010010010010	497.685	010001111100100	498.225	001011001100100
496.610	111011001010100	497.150	100100010010010	497.690	100001111100100	498.230	110011001100100
496.615	011011001010100	497.155	000100010010010	497.695	000001111100100	498.235	000111001100100
496.620	101011001010100	497.160	111000010010010	497.700	100110111100100	498.240	100011001100100
496.625	001011001010100	497.165	011000010010010	497.705	000110111100100	498.245	000011001100100
496.630	110011001010100	497.170	101000010010010	497.710	111010111100100	498.250	100101001100100
496.635	010011001010100	497.175	001000010010010	497.715	011010111100100	498.255	000101001100100
496.640	100011001010100	497.180	110000010010010	497.720	101010111100100	498.260	111001001100100
496.645	000011001010100	497.185	010000010010010	497.725	001010111100100	498.265	011001001100100
496.650	100100101010100	497.190	100000010010010	497.730	110010111100100	498.270	101001001100100
496.655	000100101010100	497.195	000000010010010	497.735	010010111100100	498.275	001001001100100
496.660	111000101010100	497.200	100111000010010	497.740	100010111100100	498.280	110001001100100
496.665	011000101010100	497.205	000111000010010	497.745	000010111100100	498.285	010001001100100
496.670	101000101010100	497.210	111011000010010	497.750	100100111100100	498.290	100001001100100
496.675	001000101010100	497.215	011011000010010	497.755	000100111100100	498.295	000001001100100
496.680	110000101010100	497.220	101011000010010	497.760	111000111100100	498.300	100110001100100
496.685	010000101010100	497.225	001011000010010	497.765	011000111100100	498.305	000110001100100
496.690	100000101010100	497.230	110011000010010	497.770	101000111100100	498.310	111010001100100
496.695	000000101010100	497.235	010011000010010	497.775	001000111100100	498.315	011010001100100
496.700	100110001010100	497.240	100011000010010	497.780	110000111100100	498.320	101010001100100
496.705	000110001010100	497.245	000011000010010	497.785	010000111100100	498.325	000110001100100
496.710	111010001010100	497.250	100101000010010	497.790	100000111100100	498.330	110010001100100
496.715	011010001010100	497.255	000101000010010	497.795	000000111100100	498.335	010010001100100
496.720	101010001010100	497.260	111001000010010	497.800	100111011001000	498.340	100010001100100
496.725	001010001010100	497.265	011001100010010	497.805	001110111001000	498.345	000010001100100
496.730	110010001010100	497.270	101001100010010	497.810	111011011001000	498.350	100100001100100
496.735	010010001010100	497.275	001001100010010	497.815	011011011001000	498.355	000100001100100
496.740	100010001010100	497.280	110001100010010	497.820	101010111001000	498.360	111000001100100
496.745	000010001010100	497.285	010001100010010	497.825	001010111001000	498.365	011000001100100
496.750	100100001010100	497.290	100001100010010	497.830	110011011001000	498.370	101000001100100
496.755	000100001010100	497.295	000001100010010	497.835	010011011001000	498.375	001000001100100
496.760	111000001010100	497.300	100110100010010	497.840	100011011001000	498.380	110000001100100
496.765	011000001010100	497.305	000110100010010	497.845	000011011001000	498.385	010000001100100
496.770	101000001010100	497.310	111010100010010	497.850	100101011001000	498.390	100000001100100
496.775	001000001010100	497.315	011010100010010	497.855	000101011001000	498.395	000000001100100
496.780	110000001010100	497.320	101010100010010	497.860	111001011001000	498.400	100111100100100
496.785	010000001010100	497.325	001010100010010	497.865	011001011001000	498.405	000111100100100
496.790	100000001010100	497.330	110010100010010	497.870	101001011001000	498.410	111011100100100
496.795	000000001010100	497.335	010010100010010	497.875	001001011001000	498.415	011011100100100
496.800	100111110010100	497.340	100010100010010	497.880	110001011001000	498.420	101011100100100
496.805	000111110010100	497.345	000010100010010	497.885	010001011001000	498.425	000111100100100
496.810	111011110010100	497.350	100100100010010	497.890	100001011001000	498.430	110011100100100
496.815	011011110010100	497.355	000100100010010	497.895	000001011001000	498.435	010011100100100
496.820	101011110010100	497.360	111000100010010	497.900	100110011001000	498.440	100011100100100
496.825	001011110010100	497.365	011000100010010	497.905	000110011001000	498.445	000011100100100
496.830	110011110010100	497.370	101000100010010	497.910	111010011001000	498.450	100101100100100
496.835	010011110010100	497.375	001000100010010	497.915	011010011001000	498.455	000101100100100
496.840	100011110010100	497.380	110000100010010	497.920	101010011001000	498.460	111001100100100
496.845	000011110010100	497.385	010000100010010	497.925	001010011001000	498.465	011001100100100
496.850	100101110010100	497.390	100000100010010	497.930	110010011001000	498.470	101001100100100
496.855	000101110010100	497.395	000000100010010	497.935	010010011001000	498.475	001001100100100
496.860	111001110010100	497.400	100111000010010	497.940	100010011001000	498.480	110001100100100
496.865	011001110010100	497.405	000111000010010	497.945	000010011001000	498.485	010001100100100
496.870	101001110010100	497.410	111011000010010	497.950	100100011001000	498.490	100001100100100
496.875	001001110010100	497.415	011011000010010	497.955	000100011001000	498.495	000001100100100
496.880	110001110010100	497.420	101011000010010	497.960	111000011001000	498.500	100101100100100
496.885	010001110010100	497.425	001011000010010	497.965	011000011001000	498.505	000101100100100
496.890	100001110010100	497.430	110011000010010	497.970	101000011001000	498.510	111010100100100
496.895	000001110010100	497.435	010011000010010	497.975	001000011001000	498.515	011010100100100
496.900	100110110010100	497.440	100011000010010	497.980	110000011001000	498.520	101010100100100
496.905	000110110010100	497.445	000011000010010	497.985	010000011001000	498.525	001010100100100
496.910	111010110010100	497.450	100101000010010	497.990	100000011001000	498.530	110010100100100
496.915	011010110010100	497.455	000101000010010	497.995	000000011001000	498.535	010010100100100
496.920	101010110010100	497.460	111001000010010	498.000	100111010100100	498.540	100010100100100
496.925	001010110010100	497.465	011001000010010	498.005	000111010100100	498.545	000010100100100
496.930	110010110010100	497.470	101001000010010	498.010	111011010100100	498.550	100100100100100
496.935	010010110010100	497.475	001001000010010	498.015	011011010100100	498.555	000100100100100
496.940	100010110010100	497.480	110001000010010	498.020	101011010100100	498.560	111000100100100
496.945	00001011001010						

498.640 to 500.795

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
498.640	100011010100100	499.180	1100000000100100	499.720	1010101010000100	500.260	1110010100000100
498.645	000011010100100	499.185	0100000001001000	499.725	1001010101000100	500.265	0110010100000100
498.650	100101010100100	499.190	1000000000100100	499.730	1100101010010010	500.270	1010010100000100
498.655	000101010100100	499.195	0000000000100100	499.735	0100101010000100	500.275	0010010100000100
498.660	111001010100100	499.200	1001111110001000	499.740	1000101010000100	500.280	1100010100000100
498.665	011001010100100	499.205	0001111110001000	499.745	0000101010000100	500.285	0100010100000100
498.670	101001010100100	499.210	1110111110001000	499.750	1001001010000100	500.290	1000010100000100
498.675	001001010100100	499.215	0110111110001000	499.755	0001001010000100	500.295	0000010100000100
498.680	110001010100100	499.220	1010111110001000	499.760	1110001010000100	500.300	1001100100000100
498.685	010001010100100	499.225	0010111110001000	499.765	0110001010000100	500.305	0001100100000100
498.690	100001010100100	499.230	1100111110001000	499.770	1010001010000100	500.310	1110010000000100
498.695	000001010100100	499.235	0100111110001000	499.775	0010001010000100	500.315	0110010000000100
498.700	100110010100100	499.240	1000111110001000	499.780	1100001010000100	500.320	1010010000000100
498.705	000110010100100	499.245	0000111110001000	499.785	0100001010000100	500.325	0010010000000100
498.710	111010010100100	499.250	1001011110001000	499.790	1000001010000100	500.330	1100010000000100
498.715	011010010100100	499.255	0001011110001000	499.795	0000001010000100	500.335	0100010000000100
498.720	101010010100100	499.260	1110011110001000	499.800	1001100100000100	500.340	1000100100000100
498.725	001010010100100	499.265	0110011110001000	499.805	0001100100000100	500.345	0000100100000100
498.730	110010010100100	499.270	1010101110001000	499.810	1110100100000100	500.350	1001000100000100
498.735	010010010100100	499.275	0010011110001000	499.815	0110100100000100	500.355	0001000100000100
498.740	100010010100100	499.280	1100011110001000	499.820	1010100100000100	500.360	1110000100000100
498.745	000010010100100	499.285	0100011110001000	499.825	0010100100000100	500.365	0110000100000100
498.750	100100010100100	499.290	1000011110001000	499.830	1100100100000100	500.370	1010000100000100
498.755	000100010100100	499.295	0000011110001000	499.835	0100100100000100	500.375	0010000100000100
498.760	111000010100100	499.300	1001101110001000	499.840	1000100100000100	500.380	1100000100000100
498.765	011000010100100	499.305	0001101110001000	499.845	0000100100000100	500.385	0100000100000100
498.770	101000010100100	499.310	1110101110001000	499.850	1001000100000100	500.390	1000000100000100
498.775	001000010100100	499.315	0110101110001000	499.855	0001000100000100	500.395	0000000100000100
498.780	110000010100100	499.320	1010101110001000	499.860	1110000100000100	500.400	1001110000000100
498.785	010000010100100	499.325	0010101110001000	499.865	0110000100000100	500.405	0001110000000100
498.790	100000010100100	499.330	1100101110001000	499.870	1010000100000100	500.410	1110110000000100
498.795	000000010100100	499.335	0100101110001000	499.875	0010000100000100	500.415	0110110000000100
498.800	100111000100100	499.340	1000101110001000	499.880	1100000100000100	500.420	1010110000000100
498.805	000111000100100	499.345	0000101110001000	499.885	0100000100000100	500.425	0010110000000100
498.810	111011000100100	499.350	1001001110001000	499.890	1000000100000100	500.430	1100110000000100
498.815	011011000100100	499.355	0001001110001000	499.895	0000000100000100	500.435	0100110000000100
498.820	101011000100100	499.360	1110001110001000	499.900	100110000100000100	500.440	1000110000000100
498.825	001011000100100	499.365	0110001110001000	499.905	000110000100000100	500.445	0000110000000100
498.830	110011000100100	499.370	1010001110001000	499.910	111010000100000100	500.450	1001010000000100
498.835	010011000100100	499.375	0010001110001000	499.915	0110000100000100	500.455	0001010000000100
498.840	100011000100100	499.380	1100001110001000	499.920	1010000100000100	500.460	1110010000000100
498.845	000011000100100	499.385	0100001110001000	499.925	0010000100000100	500.465	0110010000000100
498.850	100101000100100	499.390	1000001110001000	499.930	1100000100000100	500.470	1010010000000100
498.855	000101000100100	499.395	0000001110001000	499.935	0100000100000100	500.475	0010010000000100
498.860	111001000100100	499.400	1001100100000100	499.940	1000000100000100	500.480	1100010000000100
498.865	011001000100100	499.405	0001100100000100	499.945	0000000100000100	500.485	0100010000000100
498.870	100010000100100	499.410	1110100100000100	499.950	100100000100000100	500.490	1000010000000100
498.875	001001000100100	499.415	0110100100000100	499.955	000100000100000100	500.495	0000010000000100
498.880	110001000100100	499.420	1010100100000100	499.960	111000000100000100	500.500	1001010000000100
498.885	010001000100100	499.425	0010100100000100	499.965	011000000100000100	500.505	0001010000000100
498.890	100001000100100	499.430	1100100100000100	499.970	101000000100000100	500.510	1110010000000100
498.895	000001000100100	499.435	0100100100000100	499.975	001000000100000100	500.515	0110010000000100
498.900	100110000100100	499.440	1000100100000100	499.980	110000000100000100	500.520	1010010000000100
498.905	000110000100100	499.445	0000100100000100	499.985	010000000100000100	500.525	0010010000000100
498.910	111010000100100	499.450	1001000100000100	499.990	100000000100000100	500.530	1100010000000100
498.915	011010000100100	499.455	0001000100000100	499.995	000000000100000100	500.535	0100010000000100
498.920	101010000100100	499.460	111001000100000100	500.000	100111100000010000	500.540	1000100000000100
498.925	001010000100100	499.465	011001000100000100	500.005	000111100000010000	500.545	0000100000000100
498.930	110010000100100	499.470	101001000100000100	500.010	111011100000010000	500.550	1001000000000100
498.935	010010000100100	499.475	001001000100000100	500.015	011011100000010000	500.555	0001000000000100
498.940	100010000100100	499.480	110010010000010000	500.020	101011100000010000	500.560	1110000000000100
498.945	000010000100100	499.485	010010010000010000	500.025	001011100000010000	500.565	0110000000000100
498.950	100100000100100	499.490	100001000100000100	500.030	110011100000010000	500.570	1010000000000100
498.955	000100000100100	499.495	000001000100000100	500.035	010011100000010000	500.575	0010000000000100
498.960	111000000100100	499.500	100110000100000100	500.040	100011100000010000	500.580	1100000000000100
498.965	011000000100100	499.505	000110000100000100	500.045	000011100000010000	500.585	0100000000000100
498.970	100000000100100	499.510	111000010000010000	500.050	100101100000010000	500.590	1000000000000100
498.975	001000000100100	499.515	011000010000010000	500.055	000101100000010000	500.595	0000000000000100
498.980	110000000100100	499.520	101000010000010000	500.060	111001100000010000	500.600	1001100000000100
498.985	010000000100100	499.525	001000010000010000	500.065	011001100000010000	500.605	0001100000000100
498.990	100000000100100	499.530	110000010000010000	500.070	101001100000010000	500.610	1110010000000100
498.995	000000000100100	499.535	010000010000010000	500.075	001001100000010000	500.615	0110010000000100
499.000	1001100000010000	499.540	100000010000010000	500.080	110001100000010000	500.620	1010010000000100
499.005	0001100000010000	499.545	000000010000010000	500.085	010001100000010000	500.625	0010010000000100
499.010	1110100000010000	499.550	10010000010000010000	500.090	100000010000010000	500.630	1100100000000100
499.015	0110100000010000	499.555	00010000010000010000	500.095	000000010000010000	500.635	0100010000000100
499.020	1010100000010000	499.560	11100000010000010000	500.100	100110010000010000	500.640	1000100000000100
499.025	0010100000010000	499.565	01100000010000010000	500.105	000110010000010000	500.645	0000100000000100
499.030	1100100000010000	499.570	10100000010000010000	500.110	111001000000010000	500.650	1001000000000100
499.035	0100100000010000	499.575	00100000010000010000	500.115	011001000000010000	500.655	0001000000000100
499.040	1000100000010000	499.580	11000000010000010000	500.120	101001000000010000	500.660	1110000000000100
499.045	0000010000010000	499.585	01000000010000010000	500.125	001001000000010000	500.665	0110000000000100
499.050	1001000000010000	499.590	10000000010000010000	500.130	110001000000010000	500.670	1010000000000100
499.055	0001000000010000	499.595	00000000010000010000	500.135	010001000000010000	500.675	0010000000000100
499.060	1110000000010000	499.600	1001100000010000010000	500.140	100000010000010000	500.680	1100000000000100
499.065	0110000000010000	499.605	0001100000010000010000	500.145	000000010000010000	500.685	0100000000000100
499.070	1001000000010000	499.610	1110100000010000010000	500.150	100100010000010000	500.690	1000000000000100
499.075	0010000000010000	499.615	0110100000010000010000	500.155	000100010000010000	500.695	0000000000000100
499.080	1100000000010000	499.620	1010100000010000010000	500.160	111000010000010000	500.700	1001000000000100
499.085	0100000000010000	499.625	0010100000010000010000	500.165</			

500.800 to 502.955

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
500.800	100111111111000	501.340	100010101111000	501.880	110001010111000	502.420	101011111011000
500.805	000111111111000	501.345	000010101111000	501.885	010001010111000	502.425	010010111011000
500.810	111011111111000	501.350	100100101111000	501.890	100001010111000	502.430	110011111011000
500.815	011011111111000	501.355	000100101111000	501.895	000001010111000	502.435	010011111011000
500.820	101011111111000	501.360	111000101111000	501.900	100110001011000	502.440	100011111011000
500.825	010101111111000	501.365	011000101111000	501.905	000110001011000	502.445	000011111011000
500.830	110101111111000	501.370	101000101111000	501.910	111010001011000	502.450	100101111011000
500.835	010011111111000	501.375	001000101111000	501.915	0110001011000	502.455	000101111011000
500.840	100011111111000	501.380	110000101111000	501.920	101010001011000	502.460	111001111011000
500.845	000011111111000	501.385	010000101111000	501.925	01010001011000	502.465	011001111011000
500.850	100101111111000	501.390	100000101111000	501.930	110010001011000	502.470	101001111011000
500.855	000101111111000	501.395	000000101111000	501.935	010010001011000	502.475	010010111011000
500.860	111001111111000	501.400	100111001111000	501.940	100010001011000	502.480	110001111011000
500.865	011001111111000	501.405	000111001111000	501.945	000010001011000	502.485	010001111011000
500.870	101001111111000	501.410	111011001111000	501.950	100100001011000	502.490	100001111011000
500.875	001001111111000	501.415	011011001111000	501.955	000100001011000	502.495	000011111011000
500.880	110001111111000	501.420	101011001111000	501.960	111000001011000	502.500	100101111011000
500.885	010001111111000	501.425	001011001111000	501.965	011000001011000	502.505	000101111011000
500.890	100001111111000	501.430	110011001111000	501.970	101000001011000	502.510	111010111011000
500.895	000001111111000	501.435	010011001111000	501.975	001000001011000	502.515	011010111011000
500.900	100110111111000	501.440	100011001111000	501.980	110000001011000	502.520	101010111011000
500.905	000110111111000	501.445	000011001111000	501.985	010000001011000	502.525	010101111011000
500.910	111010111111000	501.450	100101001111000	501.990	100000001011000	502.530	110010111011000
500.915	011010111111000	501.455	000101001111000	501.995	000000001011000	502.535	010010111011000
500.920	101010111111000	501.460	111010001111000	502.000	100111000111000	502.540	100010111011000
500.925	001010111111000	501.465	011010001111000	502.005	000111000111000	502.545	000010111011000
500.930	110101111111000	501.470	101010001111000	502.010	111011000111000	502.550	100100111011000
500.935	010010111111000	501.475	001010001111000	502.015	011011000111000	502.555	000100111011000
500.940	100010111111000	501.480	110010001111000	502.020	101011000111000	502.560	111000111011000
500.945	000010111111000	501.485	010010001111000	502.025	001011000111000	502.565	011000111011000
500.950	100100111111000	501.490	100010001111000	502.030	110011000111000	502.570	101000111011000
500.955	000100111111000	501.495	000010001111000	502.035	010011000111000	502.575	010000111011000
500.960	111000111111000	501.500	100110001111000	502.040	100011000111000	502.580	110000111011000
500.965	011000111111000	501.505	000110001111000	502.045	000011000111000	502.585	010000111011000
500.970	101000111111000	501.510	111010001111000	502.050	101010001111000	502.590	100000111011000
500.975	001000111111000	501.515	011010001111000	502.055	000101000111000	502.595	000000111011000
500.980	110000111111000	501.520	101010001111000	502.060	111001000111000	502.600	100111011011000
500.985	010000111111000	501.525	001010001111000	502.065	011001000111000	502.605	000101011011000
500.990	100000111111000	501.530	110010001111000	502.070	101001000111000	502.610	111011011011000
500.995	000000111111000	501.535	010010001111000	502.075	001001000111000	502.615	011011011011000
501.000	100111011111000	501.540	100010001111000	502.080	110001000111000	502.620	101011011011000
501.005	000111011111000	501.545	000010001111000	502.085	010001000111000	502.625	011011011011000
501.010	111011011111000	501.550	100100001111000	502.090	100001000111000	502.630	110011011011000
501.015	011011011111000	501.555	000100001111000	502.095	000001000111000	502.635	011011011011000
501.020	101011011111000	501.560	111000001111000	502.100	100110000111000	502.640	100011011011000
501.025	001011011111000	501.565	011000001111000	502.105	000110000111000	502.645	000011011011000
501.030	110011011111000	501.570	101000001111000	502.110	111010000111000	502.650	100101011011000
501.035	010011011111000	501.575	001000001111000	502.115	011010000111000	502.655	000101011011000
501.040	100011011111000	501.580	110000001111000	502.120	101010000111000	502.660	111001011011000
501.045	000011011111000	501.585	010000001111000	502.125	001010000111000	502.665	011001011011000
501.050	100101011111000	501.590	100000001111000	502.130	110010000111000	502.670	101001011011000
501.055	000101011111000	501.595	000000001111000	502.135	010010000111000	502.675	010010111011000
501.060	111001011111000	501.600	100111101111000	502.140	100010000111000	502.680	110001011011000
501.065	011001011111000	501.605	000111101111000	502.145	000010000111000	502.685	010001011011000
501.070	101001011111000	501.610	111011101111000	502.150	100100000111000	502.690	100001011011000
501.075	001001011111000	501.615	011011101111000	502.155	000100000111000	502.695	000001011011000
501.080	110001011111000	501.620	101011101111000	502.160	111000000111000	502.700	100100011011000
501.085	010001011111000	501.625	001011101111000	502.165	011000000111000	502.705	000100011011000
501.090	100001011111000	501.630	110011101111000	502.170	101000000111000	502.710	111010011011000
501.095	000001011111000	501.635	010011101111000	502.175	010000000111000	502.715	011010011011000
501.100	100110011111000	501.640	100011101111000	502.180	110000000111000	502.720	101010011011000
501.105	000110011111000	501.645	000011101111000	502.185	010000000111000	502.725	001010011011000
501.110	111010011111000	501.650	100101101111000	502.190	100000000111000	502.730	110010011011000
501.115	011010011111000	501.655	000101101111000	502.195	000000000111000	502.735	010010011011000
501.120	101010011111000	501.660	111001101111000	502.200	1001110000111000	502.740	100010011011000
501.125	001010011111000	501.665	011001101111000	502.205	0001110000111000	502.745	000010011011000
501.130	110010011111000	501.670	101001101111000	502.210	1110110000111000	502.750	100100001011000
501.135	010010011111000	501.675	001001101111000	502.215	0110110000111000	502.755	000100001011000
501.140	100010011111000	501.680	110001101111000	502.220	1010110000111000	502.760	111000001011000
501.145	000010011111000	501.685	010001101111000	502.225	0010110000111000	502.765	011000001011000
501.150	100100011111000	501.690	100001101111000	502.230	1100110000111000	502.770	101000001011000
501.155	000100011111000	501.695	000001101111000	502.235	0100110000111000	502.775	001000001011000
501.160	111000011111000	501.700	100110100111000	502.240	1000110000111000	502.780	110000001011000
501.165	011000011111000	501.705	000110100111000	502.245	0000110000111000	502.785	010000001011000
501.170	101000011111000	501.710	111010100111000	502.250	100100000111000	502.790	100000001011000
501.175	001000011111000	501.715	011010100111000	502.255	000100000111000	502.795	000000001011000
501.180	110000011111000	501.720	101010100111000	502.260	111000000111000	502.800	1001110101101000
501.185	010000011111000	501.725	001010100111000	502.265	011000000111000	502.805	0001110101101000
501.190	100000011111000	501.730	110010100111000	502.270	101000000111000	502.810	1110110101101000
501.195	000000011111000	501.735	010010100111000	502.275	001000000111000	502.815	0110110101101000
501.200	1001110101101000	501.740	100010100111000	502.280	110000000111000	502.820	1010110101101000
501.205	0001110101101000	501.745	000010100111000	502.285	010000000111000	502.825	0010110101101000
501.210	1110110101101000	501.750	100100100111000	502.290	100000000111000	502.830	1100110101101000
501.215	0110110101101000	501.755	000100100111000	502.295	000000000111000	502.835	0100110101101000
501.220	1010110101101000	501.760	111000010111000	502.300	1001100000111000	502.840	1000110101101000
501.225	0010110101101000	501.765	011000010111000	502.305	0001100000111000	502.845	0000110101101000
501.230	1100110101101000	501.770	101000010111000	502.310	1110100000111000	502.850	1001010101101000
501.235	0100110101101000	501.775	001000010111000	502.315	0110100000111000	502.855	0001010101101000
501.240	1000110101101000	501.780	110000010111000	502.320	1010100000111000	502.860	1110010101101000
501.245	0000110101101000	501.785	010000010111000	502.325	0010100000111000	502.865	0110010101101000
501.250	1001010101101000	501.790	100000010111000	502.330	1100100000111000	502.870	1010010101101000
501.255	0001010101101000	501.795	000000010111000	502.335	0100100000111000	502.875	0010010101101000
501.260	1110010101101000	501.800	1001110101101000	502.340	1000100000111000	502.880	110001010110

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
502.960	111000101011000	503.500	100110010011000	504.040	100011111101000	504.580	110000101101000
502.965	011000010110100	503.505	000110000100100	504.045	000011111101000	504.585	010000101101000
502.970	101000101011000	503.510	111010010011000	504.050	100101111101000	504.590	100001010110100
502.975	001000010101100	503.515	011010010011000	504.055	000101111101000	504.595	000000101101000
502.980	110000101011000	503.520	101010010011000	504.060	111001111101000	504.600	100111001101000
502.985	010000101101100	503.525	001010010011000	504.065	011001111101000	504.605	000111001101000
502.990	100000101011000	503.530	110010010011000	504.070	101001111101000	504.610	111011001101000
502.995	000000101101100	503.535	010010010011000	504.075	001001111101000	504.615	011011001101000
503.000	100111001011000	503.540	100010010011000	504.080	110001111101000	504.620	101011001101000
503.005	000111001011000	503.545	000010010011000	504.085	010001111101000	504.625	001011001101000
503.010	111011001011000	503.550	100100010011000	504.090	100001111101000	504.630	110011001101000
503.015	011011001011000	503.555	000100010011000	504.095	000001111101000	504.635	010011001101000
503.020	101011001011000	503.560	111000010011000	504.100	100110111101000	504.640	100011001101000
503.025	001011001011000	503.565	011000010011000	504.105	000110111101000	504.645	000011001101000
503.030	110011001011000	503.570	101000010011000	504.110	111010111101000	504.650	100100010110100
503.035	010011001011000	503.575	001000010011000	504.115	011010111101000	504.655	000100010110100
503.040	100011001011000	503.580	110000010011000	504.120	101010111101000	504.660	111000010110100
503.045	000011001011000	503.585	010000010011000	504.125	001010111101000	504.665	011000010110100
503.050	100101001011000	503.590	100000010011000	504.130	110001011101000	504.670	101000010110100
503.055	000101001011000	503.595	000000010011000	504.135	010001011101000	504.675	001000010110100
503.060	111001001011000	503.600	100111100011000	504.140	100001011101000	504.680	110000010110100
503.065	011001001011000	503.605	000111100011000	504.145	000001011101000	504.685	010000010110100
503.070	101001001011000	503.610	111011100011000	504.150	100100011101000	504.690	100000010110100
503.075	001001001011000	503.615	011011100011000	504.155	000100011101000	504.695	000000010110100
503.080	110001001011000	503.620	101011100011000	504.160	111000011101000	504.700	100100001101000
503.085	010001001011000	503.625	001011100011000	504.165	011000011101000	504.705	000100001101000
503.090	100001001011000	503.630	110011100011000	504.170	101000011101000	504.710	111000001101000
503.095	000001001011000	503.635	010011100011000	504.175	001000011101000	504.715	011000001101000
503.100	100110000101100	503.640	100011100011000	504.180	110000011101000	504.720	101000001101000
503.105	000110000101100	503.645	000011100011000	504.185	010000011101000	504.725	001000001101000
503.110	111010000101100	503.650	100101100011000	504.190	100000011101000	504.730	110000001101000
503.115	011010000101100	503.655	000101100011000	504.195	000000011101000	504.735	010000001101000
503.120	101010000101100	503.660	111001100011000	504.200	100111011010100	504.740	100000000110100
503.125	001010000101100	503.665	011001100011000	504.205	000111011010100	504.745	000000000110100
503.130	110010000101100	503.670	101001100011000	504.210	111011011010100	504.750	100000000001100
503.135	010010000101100	503.675	001001100011000	504.215	011011011010100	504.755	000000000110100
503.140	100010000101100	503.680	110001100011000	504.220	101011011010100	504.760	110000000110100
503.145	000010000101100	503.685	010001100011000	504.225	001011011010100	504.765	010000000110100
503.150	100100000101100	503.690	100001100011000	504.230	110011011010100	504.770	101000000110100
503.155	000100000101100	503.695	000001100011000	504.235	010011011010100	504.775	001000000110100
503.160	111000000101100	503.700	100101000011000	504.240	100011011010100	504.780	110000000110100
503.165	011000000101100	503.705	000101000011000	504.245	000001011010100	504.785	010000000110100
503.170	101000000101100	503.710	111010100011000	504.250	101010101010100	504.790	100000000110100
503.175	001000000101100	503.715	011010100011000	504.255	000101011010100	504.795	000000000110100
503.180	110000000101100	503.720	101010100011000	504.260	111000101010100	504.800	100111101010100
503.185	010000000101100	503.725	001010100011000	504.265	011000101010100	504.805	000111101010100
503.190	100000000101100	503.730	110010100011000	504.270	101000101010100	504.810	111011101010100
503.195	000000000101100	503.735	010010100011000	504.275	001000101010100	504.815	011011101010100
503.200	100111110011000	503.740	100010100011000	504.280	110000101010100	504.820	101011101010100
503.205	000111110011000	503.745	000010100011000	504.285	010000101010100	504.825	001011101010100
503.210	111011110011000	503.750	100001000011000	504.290	100001011010100	504.830	110011101010100
503.215	011011110011000	503.755	000101000011000	504.295	000000101101000	504.835	010011101010100
503.220	101011110011000	503.760	111000010001100	504.300	100110001101000	504.840	100011101010100
503.225	001011110011000	503.765	011000010001100	504.305	000110001101000	504.845	000011101010100
503.230	110011110011000	503.770	101000010001100	504.310	111000011010100	504.850	100101110101000
503.235	010011110011000	503.775	001000010001100	504.315	011000011010100	504.855	000101110101000
503.240	100011110011000	503.780	110000010001100	504.320	101000011010100	504.860	110001110101000
503.245	000011110011000	503.785	010000010001100	504.325	001000011010100	504.865	011000110101000
503.250	100101110011000	503.790	100000010001100	504.330	110000011010100	504.870	101000110101000
503.255	000101110011000	503.795	000000010001100	504.335	010000011010100	504.875	001000110101000
503.260	111001110011000	503.800	100111000011000	504.340	100000011010100	504.880	110000110101000
503.265	011001110011000	503.805	000111000011000	504.345	000000011010100	504.885	010000110101000
503.270	101001110011000	503.810	111010000110000	504.350	100000011010100	504.890	100000110101000
503.275	001001110011000	503.815	011010000110000	504.355	000100001101000	504.895	000000110101000
503.280	110001110011000	503.820	101011000011000	504.360	111000011010100	504.900	100011101010100
503.285	010001110011000	503.825	001011000011000	504.365	011000011010100	504.905	000101011010100
503.290	100001110011000	503.830	110011000011000	504.370	101000011010100	504.910	111001011010100
503.295	000001110011000	503.835	010011000011000	504.375	001000011010100	504.915	011001011010100
503.300	100110100110100	503.840	100011000011000	504.380	110000011010100	504.920	101001011010100
503.305	000110100110100	503.845	000011000011000	504.385	010000011010100	504.925	001001011010100
503.310	111010100110100	503.850	100101000011000	504.390	100000011010100	504.930	110001011010100
503.315	011010100110100	503.855	000101000011000	504.395	000000011010100	504.935	010001011010100
503.320	101010100110100	503.860	111001000011000	504.400	100111010101000	504.940	100001010101000
503.325	001010100110100	503.865	011001000011000	504.405	000111010101000	504.945	000001010101000
503.330	110010100110100	503.870	101001000011000	504.410	111011010101000	504.950	100001010101000
503.335	010010100110100	503.875	001001000011000	504.415	011011010101000	504.955	000001010101000
503.340	100010100110100	503.880	110001000011000	504.420	101011010101000	504.960	111000010101000
503.345	000010100110100	503.885	010001000011000	504.425	001011010101000	504.965	011000010101000
503.350	100100100110100	503.890	100001000011000	504.430	110011010101000	504.970	101000010101000
503.355	000100100110100	503.895	000001000011000	504.435	010011010101000	504.975	001000010101000
503.360	111000100110100	503.900	100100000011000	504.440	100001010101000	504.980	110000010101000
503.365	011000100110100	503.905	000100000011000	504.445	000001010101000	504.985	010000010101000
503.370	101000100110100	503.910	111010000011000	504.450	100101010101000	504.990	100000010101000
503.375	001000100110100	503.915	011010000011000	504.455	000101010101000	504.995	000000010101000
503.380	110000100110100	503.920	101010000011000	504.460	111000101010100	505.000	100111010101000
503.385	010000100110100	503.925	001010000011000	504.465	011000101010100	505.005	000111010101000
503.390	100000100110100	503.930	110010000011000	504.470	101000101010100	505.010	111011010101000
503.395	000000100110100	503.935	010010000011000	504.475	001000101010100	505.015	011011010101000
503.400	100111010011000	503.940	100000000011000	504.480	110000101010100	505.020	101011010101000
503.405	000111010011000	503.945	000000000011000	504.485	010000101010100	505.025	001011010101000
503.410	111011010011000	503.950	100100000011000	504.490	100000101010100	505.030	110011010101000
503.415	011011010011000	503.955	000100000011000	504.495	000000101010100	505.035	001011010101000
503.420	101011010011000	503.960	111000000011000	504.500	100101010101000	505.040	100001010101000
503.425	001011010011000	50					

505.120 to 507.275

FREQUENCY	AB (BINARY)	REQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
505.120	101010001010000	505.660	111001111001000	506.200	100111001001000	506.740	100010010001000
505.125	001010010101000	505.665	011001111001000	506.205	000110001001000	506.745	000010010001000
505.130	110010010101000	505.670	101001111001000	506.210	111010001001000	506.750	100100010001000
505.135	010010010101000	505.675	001001111001000	506.215	011010010010000	506.755	000100010001000
505.140	100010010101000	505.680	110010111001000	506.220	101010010010000	506.760	111000010001000
505.145	000010010101000	505.685	010011111001000	506.225	001011001001000	506.765	011000010001000
505.150	100100010101000	505.690	100001111001000	506.230	110010010010000	506.770	101000010001000
505.155	000100010101000	505.695	000011111001000	506.235	010010010010000	506.775	001000010001000
505.160	111000010101000	505.700	100110111001000	506.240	100010010010000	506.780	110000100001000
505.165	011000010101000	505.705	000110111001000	506.245	000010010010000	506.785	010000100001000
505.170	101000010101000	505.710	111010111001000	506.250	100101001001000	506.790	100000100001000
505.175	001000010101000	505.715	011010111001000	506.255	000101001001000	506.795	000000100001000
505.180	110000010101000	505.720	101010111001000	506.260	111001001001000	506.800	100111100001000
505.185	010000010101000	505.725	001010111001000	506.265	011001001001000	506.805	000111100001000
505.190	100000010101000	505.730	110010111001000	506.270	101001001001000	506.810	111011100001000
505.195	000000010101000	505.735	010010111001000	506.275	001001001001000	506.815	011011100001000
505.200	100111100101000	505.740	100010111001000	506.280	110001001001000	506.820	101911100001000
505.205	000111100101000	505.745	000010111001000	506.285	010001001001000	506.825	001011100001000
505.210	111011100101000	505.750	100100111001000	506.290	100001001001000	506.830	110011100001000
505.215	011011100101000	505.755	000100111001000	506.295	000001001001000	506.835	010011100001000
505.220	101011100101000	505.760	111000111001000	506.300	100110001001000	506.840	100011100001000
505.225	001011100101000	505.765	011000111001000	506.305	000110001001000	506.845	000111000010000
505.230	110011100101000	505.770	101000111001000	506.310	111010001001000	506.850	100101100001000
505.235	010011100101000	505.775	001000111001000	506.315	011010001001000	506.855	000101100001000
505.240	100011100101000	505.780	110000111001000	506.320	101010001001000	506.860	111001100001000
505.245	000011100101000	505.785	010000111001000	506.325	001010001001000	506.865	011001100001000
505.250	100101100101000	505.790	100000111001000	506.330	110010001001000	506.870	101001100001000
505.255	000101100101000	505.795	000000111001000	506.335	010010001001000	506.875	001001100001000
505.260	111001100101000	505.800	100111011001000	506.340	100010001001000	506.880	110001100001000
505.265	011001100101000	505.805	000111011001000	506.345	000010001001000	506.885	010001100001000
505.270	101001100101000	505.810	111011011001000	506.350	100100001001000	506.890	100001100001000
505.275	001001100101000	505.815	011011011001000	506.355	000100001001000	506.895	000001100001000
505.280	110001100101000	505.820	101011011001000	506.360	111000001001000	506.900	100110100001000
505.285	010001100101000	505.825	001011011001000	506.365	011000001001000	506.905	000110100001000
505.290	100001100101000	505.830	110011011001000	506.370	101000001001000	506.910	111010100001000
505.295	000001100101000	505.835	010011011001000	506.375	001000001001000	506.915	011010100001000
505.300	100110100101000	505.840	100011011001000	506.380	110000001001000	506.920	101010100001000
505.305	000110100101000	505.845	000011011001000	506.385	010000001001000	506.925	001010100001000
505.310	111010100101000	505.850	100101011001000	506.390	100000001001000	506.930	110010100001000
505.315	011010100101000	505.855	000101011001000	506.395	000000001001000	506.935	010010100001000
505.320	101010100101000	505.860	111001011001000	506.400	100111100010000	506.940	100010100001000
505.325	001010100101000	505.865	011001011001000	506.405	000111100010000	506.945	000101100010000
505.330	110010100101000	505.870	101001011001000	506.410	111011100010000	506.950	100100100001000
505.335	010010100101000	505.875	001001011001000	506.415	011011100010000	506.955	000100100001000
505.340	100010100101000	505.880	110001011001000	506.420	101011100010000	506.960	111000100001000
505.345	000010100101000	505.885	010001011001000	506.425	001011100010000	506.965	011000100001000
505.350	100100100101000	505.890	100001011001000	506.430	110011100010000	506.970	101000100001000
505.355	000100100101000	505.895	000001011001000	506.435	010011100010000	506.975	001000100001000
505.360	111000100101000	505.900	100110011001000	506.440	100011100010000	506.980	110000100001000
505.365	011000100101000	505.905	000110011001000	506.445	000011100010000	506.985	010000100001000
505.370	101000100101000	505.910	111010011001000	506.450	100101100010000	506.990	100000100001000
505.375	001000100101000	505.915	011010011001000	506.455	000101100010000	506.995	000000100001000
505.380	110000100101000	505.920	101010011001000	506.460	111001100010000	507.000	100111000001000
505.385	010000100101000	505.925	001010011001000	506.465	011001100010000	507.005	000111000001000
505.390	100000100101000	505.930	110010011001000	506.470	101001100010000	507.010	111010000001000
505.395	000000100101000	505.935	010010011001000	506.475	001001100010000	507.015	011010000001000
505.400	100111000101000	505.940	100010011001000	506.480	110001100010000	507.020	101010000001000
505.405	000111000101000	505.945	000010011001000	506.485	010001100010000	507.025	001010000001000
505.410	111010001010000	505.950	100100011001000	506.490	100001100010000	507.030	110010000001000
505.415	011010001010000	505.955	000100011001000	506.495	000001100010000	507.035	010010000001000
505.420	101010001010000	505.960	111000011001000	506.500	100110100010000	507.040	100010000001000
505.425	001010001010000	505.965	011000011001000	506.505	000110100010000	507.045	000010000001000
505.430	110010001010000	505.970	101000011001000	506.510	111010100010000	507.050	100100000001000
505.435	010010001010000	505.975	001000011001000	506.515	011010100010000	507.055	000100000001000
505.440	100010001010000	505.980	110000011001000	506.520	101010100010000	507.060	111001000001000
505.445	000010001010000	505.985	010000011001000	506.525	001010100010000	507.065	011001000001000
505.450	100101000101000	505.990	100000011001000	506.530	110010100010000	507.070	101001000001000
505.455	000101000101000	505.995	000000011001000	506.535	010010100010000	507.075	001001000001000
505.460	111001000101000	506.000	100111100101000	506.540	100010100010000	507.080	110001000001000
505.465	011001000101000	506.005	000111100101000	506.545	000010100010000	507.085	010001000001000
505.470	101001000101000	506.010	111011100101000	506.550	100100100010000	507.090	100001000001000
505.475	001001000101000	506.015	011011100101000	506.555	000100100010000	507.095	000001000001000
505.480	110001000101000	506.020	101011100101000	506.560	111000100010000	507.100	100110000001000
505.485	010001000101000	506.025	001011100101000	506.565	011000100010000	507.105	000110000001000
505.490	100001000101000	506.030	110011100101000	506.570	101000100010000	507.110	111010000001000
505.495	000001000101000	506.035	010011100101000	506.575	001000100010000	507.115	011010000001000
505.500	100110000101000	506.040	100011100101000	506.580	110000100010000	507.120	101010000001000
505.505	000110000101000	506.045	000011100101000	506.585	010000100010000	507.125	001010000001000
505.510	111010000101000	506.050	100101100101000	506.590	100000100010000	507.130	110010000001000
505.515	011010000101000	506.055	000101100101000	506.595	000000100010000	507.135	010010000001000
505.520	101010000101000	506.060	111001100101000	506.600	100110100010000	507.140	100010000001000
505.525	001010000101000	506.065	011001100101000	506.605	000110100010000	507.145	000010000001000
505.530	110010000101000	506.070	101001100101000	506.610	111010100010000	507.150	100100000001000
505.535	010010000101000	506.075	001001100101000	506.615	011010100010000	507.155	000100000001000
505.540	100010000101000	506.080	110001100101000	506.620	101010100010000	507.160	111000000001000
505.545	000010000101000	506.085	010001100101000	506.625	001010100010000	507.165	011000000001000
505.550	100100000101000	506.090	100001100101000	506.630	110010100010000	507.170	101000000001000
505.555	000100000101000	506.095	000001100101000	506.635	010010100010000	507.175	001000000001000
505.560	111000000101000	506.100	100110100010000	506.640	100010100010000	507.180	110000000001000
505.565	011000000101000	506.105	000110100010000	506.645	000010100010000	507.185	010000000001000
505.570	101000000101000	506.110	111010100010000	506.650	100101000010000	507.190	100000000001000
505.575	001000000101000	506.115	011010100010000	506.655	000101000010000	507.195	000000000001000
505.580	110000000101000	506.120	101010100010000	506.660	111001000010000	507.200	100111111100000
505.585	010000000101000	50					

507.280 to 509.435

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
507.280	110001111110000	507.820	101011001110000	508.360	111000010110000	508.900	100110111010000
507.285	010001111110000	507.825	001011001110000	508.365	011000010110000	508.905	000110111010000
507.290	100001111110000	507.830	110011001110000	508.370	101000010110000	508.910	111010111010000
507.295	000001111110000	507.835	010011001110000	508.375	001000010110000	508.915	011010111010000
507.300	100110111110000	507.840	100011001110000	508.380	110000010110000	508.920	101010111010000
507.305	000110111110000	507.845	000011001110000	508.385	010000010110000	508.925	001010111010000
507.310	111010111110000	507.850	100101001110000	508.390	100000010110000	508.930	110010111010000
507.315	011010111110000	507.855	000101001110000	508.395	000000010110000	508.935	010010111010000
507.320	101010111110000	507.860	111001001110000	508.400	100111001100000	508.940	100010111010000
507.325	001010111110000	507.865	011001001110000	508.405	000111001100000	508.945	000010111010000
507.330	110010111110000	507.870	101010011100000	508.410	111011001100000	508.950	100100111010000
507.335	010010111110000	507.875	001010011100000	508.415	011011001100000	508.955	000100111010000
507.340	100010111110000	507.880	110001001100000	508.420	101011001100000	508.960	111000101100000
507.345	000010111110000	507.885	010001001100000	508.425	001011001100000	508.965	011000101100000
507.350	100100111110000	507.890	100001001100000	508.430	110011001100000	508.970	101000110100000
507.355	000100111110000	507.895	000001001100000	508.435	010011001100000	508.975	001000110100000
507.360	111000111110000	507.900	100110001100000	508.440	100011001100000	508.980	110000110100000
507.365	011000111110000	507.905	000110001100000	508.445	000011001100000	508.985	010000110100000
507.370	101000111110000	507.910	111010001100000	508.450	100101001100000	508.990	100000110100000
507.375	001000111110000	507.915	011010001100000	508.455	000101001100000	508.995	000000110100000
507.380	110000111110000	507.920	101010001100000	508.460	111001001100000	509.000	100110010000000
507.385	010000111110000	507.925	001010001100000	508.465	011001001100000	509.005	000110010000000
507.390	100000111110000	507.930	110100001100000	508.470	101001001100000	509.010	111010010000000
507.395	000000111110000	507.935	010010001100000	508.475	001001001100000	509.015	011010010000000
507.400	100111011110000	507.940	100010001100000	508.480	110001001100000	509.020	101010010000000
507.405	000111011110000	507.945	000010001100000	508.485	010001001100000	509.025	001010010000000
507.410	111011011110000	507.950	100100001100000	508.490	100001001100000	509.030	110010010000000
507.415	011011011110000	507.955	000100001100000	508.495	000001001100000	509.035	010010010000000
507.420	101011011110000	507.960	111000001100000	508.500	100110010000000	509.040	100010010000000
507.425	001011011110000	507.965	011000001100000	508.505	000110010000000	509.045	000010010000000
507.430	110011011110000	507.970	101000001100000	508.510	111010001000000	509.050	100100100000000
507.435	010011011110000	507.975	001000001100000	508.515	011010001000000	509.055	000100100000000
507.440	100011011110000	507.980	110000001100000	508.520	101010001000000	509.060	111001001000000
507.445	000011011110000	507.985	010000001100000	508.525	001010001000000	509.065	011001001000000
507.450	100100111110000	507.990	100000001100000	508.530	110010001000000	509.070	101001001000000
507.455	000100111110000	507.995	000000001100000	508.535	010010001000000	509.075	001001001000000
507.460	111001001110000	508.000	100111101000000	508.540	100010001000000	509.080	110001001000000
507.465	011001001110000	508.005	000111101000000	508.545	000010001000000	509.085	010001001000000
507.470	101001001110000	508.010	111011101000000	508.550	100100010000000	509.090	100001001000000
507.475	001001001110000	508.015	011011101000000	508.555	000100010000000	509.095	000001001000000
507.480	110001001110000	508.020	101011101000000	508.560	111000010000000	509.100	100110001000000
507.485	010001001110000	508.025	001011101000000	508.565	011000010000000	509.105	000110001000000
507.490	100001001110000	508.030	110011101000000	508.570	101000010000000	509.110	111010001000000
507.495	000001001110000	508.035	010011101000000	508.575	001000010000000	509.115	011000010000000
507.500	100110011110000	508.040	100011101000000	508.580	110000010000000	509.120	101000010000000
507.505	000110011110000	508.045	000011101000000	508.585	010000010000000	509.125	001000010000000
507.510	111010011110000	508.050	100101101000000	508.590	100000010000000	509.130	110000010000000
507.515	011010011110000	508.055	000101101000000	508.595	000000010000000	509.135	010000010000000
507.520	101010011110000	508.060	111001101000000	508.600	100110000100000	509.140	100010001000000
507.525	001010011110000	508.065	011001101000000	508.605	000110000100000	509.145	000010001000000
507.530	110010011110000	508.070	101001101000000	508.610	111010000100000	509.150	100100001000000
507.535	010010011110000	508.075	001001101000000	508.615	011010000100000	509.155	000100001000000
507.540	100010011110000	508.080	110001101000000	508.620	101010000100000	509.160	111000001000000
507.545	000010011110000	508.085	010001101000000	508.625	001010000100000	509.165	011000001000000
507.550	100100001110000	508.090	100001101000000	508.630	110010000100000	509.170	101000001000000
507.555	000100001110000	508.095	000001101000000	508.635	010010000100000	509.175	001000001000000
507.560	111000001110000	508.100	100110001000000	508.640	100001000010000	509.180	110000001000000
507.565	011000001110000	508.105	000110001000000	508.645	000010000010000	509.185	010000001000000
507.570	101000001110000	508.110	111010001000000	508.650	100100000010000	509.190	100000001000000
507.575	001000001110000	508.115	011010001000000	508.655	000100000010000	509.195	000000001000000
507.580	110000001110000	508.120	101010001000000	508.660	111000000010000	509.200	100111001000000
507.585	010000001110000	508.125	001010001000000	508.665	011000000010000	509.205	000111001000000
507.590	100000001110000	508.130	110010001000000	508.670	101000000010000	509.210	111011001000000
507.595	000000001110000	508.135	010010001000000	508.675	001000000010000	509.215	011011001000000
507.600	100111011000000	508.140	100010001000000	508.680	110000000010000	509.220	101011001000000
507.605	000111011000000	508.145	000010001000000	508.685	010000000010000	509.225	001011001000000
507.610	111011011000000	508.150	100100001000000	508.690	100000000010000	509.230	110011001000000
507.615	011011011000000	508.155	000100001000000	508.695	000000000010000	509.235	010011001000000
507.620	101011011000000	508.160	111000001000000	508.700	100110000000000	509.240	100010001000000
507.625	001011011000000	508.165	011000001000000	508.705	000110000000000	509.245	000010001000000
507.630	110011011000000	508.170	101000001000000	508.710	111010000000000	509.250	100100001000000
507.635	010011011000000	508.175	001000001000000	508.715	011010000000000	509.255	000100001000000
507.640	100011011000000	508.180	110000001000000	508.720	101010000000000	509.260	111001000000000
507.645	000011011000000	508.185	010000001000000	508.725	001010000000000	509.265	011001000000000
507.650	100101011000000	508.190	100000001000000	508.730	110010000000000	509.270	101001000000000
507.655	000101011000000	508.195	000000001000000	508.735	010010000000000	509.275	001001000000000
507.660	111001011000000	508.200	100110000000000	508.740	100010000000000	509.280	110001000000000
507.665	011001011000000	508.205	000110000000000	508.745	000010000000000	509.285	010001000000000
507.670	101001011000000	508.210	111010000000000	508.750	100100000000000	509.290	100001000000000
507.675	001001011000000	508.215	011010000000000	508.755	000100000000000	509.295	000001000000000
507.680	110001011000000	508.220	101010000000000	508.760	111000000000000	509.300	100110000000000
507.685	010001011000000	508.225	001010000000000	508.765	011000000000000	509.305	000110000000000
507.690	100001011000000	508.230	110010000000000	508.770	101000000000000	509.310	111010000000000
507.695	000001011000000	508.235	010010000000000	508.775	001000000000000	509.315	011010000000000
507.700	100101011000000	508.240	100010000000000	508.780	110000000000000	509.320	101010000000000
507.705	000101011000000	508.245	000010000000000	508.785	010000000000000	509.325	001010000000000
507.710	111010101100000	508.250	100101000000000	508.790	100000000000000	509.330	110010000000000
507.715	011010101100000	508.255	000101000000000	508.795	000000000000000	509.335	010010000000000
507.720	101010101100000	508.260	111001000000000	508.800	100111101000000	509.340	100010000000000
507.725	001010101100000	508.265	011001000000000	508.805	000111101000000	509.345	000010000000000
507.730	110010101100000	508.270	101001000000000	508.810	111011101000000	509.350	100100000000000
507.735	010010101100000	508.275	001001000000000	508.815	011011101000000	509.355	000100000000000
507.740	100010101100000	508.280	110001000000000	508.820	101011101000000	509.360	111000000000000
507.745	000010101100000	50					

509.440 to 510.000

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
509.440	100011001010000	509.585	010000001010000	509.730	110010110010000	509.875	001001010010000
509.445	000011001010000	509.590	100000001010000	509.735	010010110010000	509.880	110001010010000
509.450	100101001010000	509.595	000000001010000	509.740	100010110010000	509.885	010001010010000
509.455	000101001010000	509.600	100111100100000	509.745	000010110010000	509.890	100001010010000
509.460	111001001010000	509.605	000111100100000	509.750	100100110010000	509.895	000001010010000
509.465	011001001010000	509.610	111011100100000	509.755	000100110010000	509.900	100110010010000
509.470	101001001010000	509.615	011011100100000	509.760	111000110010000	509.905	000110010010000
509.475	001001001010000	509.620	101011100100000	509.765	011000110010000	509.910	111010010010000
509.480	110001001010000	509.625	001011100100000	509.770	101000110010000	509.915	011010010010000
509.485	010001001010000	509.630	110011100100000	509.775	001000110010000	509.920	101010010010000
509.490	100001001010000	509.635	010011100100000	509.780	110000110010000	509.925	001010010010000
509.495	000001001010000	509.640	100011100100000	509.785	010000110010000	509.930	110010010010000
509.500	100110001010000	509.645	000011100100000	509.790	100000110010000	509.935	010010010010000
509.505	000110001010000	509.650	100101100100000	509.795	000000110010000	509.940	100010010010000
509.510	111010001010000	509.655	000101100100000	509.800	100110100100000	509.945	000010010010000
509.515	011010001010000	509.660	111001100100000	509.805	000110100100000	509.950	100100010010000
509.520	101010001010000	509.665	011001100100000	509.810	111010100100000	509.955	000100010010000
509.525	001010001010000	509.670	101001100100000	509.815	011010100100000	509.960	111000010010000
509.530	110010001010000	509.675	001001100100000	509.820	101010100100000	509.965	011000010010000
509.535	010010001010000	509.680	110001100100000	509.825	001010100100000	509.970	101000010010000
509.540	100010001010000	509.685	010001100100000	509.830	110010100100000	509.975	001000010010000
509.545	000010001010000	509.690	100001100100000	509.835	010010100100000	509.980	110000010010000
509.550	100100001010000	509.695	000001100100000	509.840	100010100100000	509.985	010000010010000
509.555	000100001010000	509.700	100101100100000	509.845	000010100100000	509.990	100000010010000
509.560	111000001010000	509.705	000101100100000	509.850	100101010010000	509.995	000000010010000
509.565	011000001010000	509.710	111010100100000	509.855	000101010010000	510.000	100111100010000
509.570	101000001010000	509.715	011010100100000	509.860	111001010010000		
509.575	001000001010000	509.720	101010100100000	509.865	011001010010000		
509.580	110000001010000	509.725	001010100100000	509.870	101001010010000		

140.000 to 142.155

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
140.000	100111101011101	140.540	100010110011191	141.080	110001000011101	141.620	101011101101101
140.005	000111101011101	140.545	000010110011191	141.085	010001000011101	141.625	001011101101101
140.010	111011101011101	140.550	100100110011191	141.090	100001000011101	141.630	110011101101101
140.015	011011101011101	140.555	000100110011191	141.095	000001000011101	141.635	010011101101101
140.020	101011101011101	140.560	111000110011191	141.100	100110000011101	141.640	100011101101101
140.025	001011101011101	140.565	011000110011191	141.105	000110000011101	141.645	000011101101101
140.030	110011101011101	140.570	101000110011191	141.110	111010000011101	141.650	100101101101101
140.035	010011101011101	140.575	001000110011191	141.115	011010000011101	141.655	000101101101101
140.040	100011101011101	140.580	110000110011191	141.120	101010000011101	141.660	111001101101101
140.045	000011101011101	140.585	010000110011191	141.125	001010000011101	141.665	011001101101101
140.050	100101101011101	140.590	100000110011191	141.130	110010000011101	141.670	101001101101101
140.055	000101101011101	140.595	000000110011191	141.135	010010000011101	141.675	001001101101101
140.060	111001101011101	140.600	100110101011101	141.140	100010000011101	141.680	110001101101101
140.065	011001101011101	140.605	000110101011101	141.145	000010000011101	141.685	010001101101101
140.070	101001101011101	140.610	111010101011101	141.150	100100000011101	141.690	100001101101101
140.075	001001101011101	140.615	011010101011101	141.155	000100000011101	141.695	000001101101101
140.080	110001101011101	140.620	101010101011101	141.160	111000000011101	141.700	1001010101101101
140.085	010001101011101	140.625	001010101011101	141.165	011000000011101	141.705	0001010101101101
140.090	100001101011101	140.630	110010100011101	141.170	101000000011101	141.710	11101010101101101
140.095	000001101011101	140.635	010010100011101	141.175	001000000011101	141.715	01101010101101101
140.100	100110101011101	140.640	100010100011101	141.180	110000000011101	141.720	10101010101101101
140.105	0011010101101101	140.645	000010100011101	141.185	010000000011101	141.725	00101010101101101
140.110	111010101011101	140.650	100101010011101	141.190	100000000011101	141.730	11001010101101101
140.115	011010101011101	140.655	000101010011101	141.195	000000000011101	141.735	01001010101101101
140.120	101010101011101	140.660	111010100011101	141.200	100111111101101	141.740	10001010101101101
140.125	001010101011101	140.665	011010100011101	141.205	000111111101101	141.745	00001010101101101
140.130	110010101011101	140.670	101010100011101	141.210	111011111101101	141.750	10010010101101101
140.135	010010101011101	140.675	001010100011101	141.215	011011111101101	141.755	00010010101101101
140.140	100010101011101	140.680	110010100011101	141.220	101011111101101	141.760	11100010101101101
140.145	000010101011101	140.685	010010100011101	141.225	001011111101101	141.765	01100010101101101
140.150	100100101011101	140.690	100010100011101	141.230	110011111101101	141.770	10100010101101101
140.155	000100101011101	140.695	000010100011101	141.235	010011111101101	141.775	00100010101101101
140.160	111000101011101	140.700	100110010011101	141.240	100011111101101	141.780	10000010101101101
140.165	011000101011101	140.705	000110010011101	141.245	000011111101101	141.785	01000010101101101
140.170	101000101011101	140.710	111010010011101	141.250	100101111101101	141.790	10000010101101101
140.175	001000101011101	140.715	011010010011101	141.255	000101111101101	141.795	00000010101101101
140.180	110000101011101	140.720	101000100011101	141.260	111001111101101	141.800	10011100101101101
140.185	010000101011101	140.725	001000100011101	141.265	011001111101101	141.805	00011100101101101
140.190	100000101011101	140.730	110000100011101	141.270	101001111101101	141.810	111010010101101101
140.195	000000101011101	140.735	010010010011101	141.275	001001111101101	141.815	011010010101101101
140.200	100111001011101	140.740	100010010011101	141.280	110001111101101	141.820	101010010101101101
140.205	000111001011101	140.745	000010010011101	141.285	010001111101101	141.825	001010010101101101
140.210	1110100101101101	140.750	100100010011101	141.290	100001111101101	141.830	110010010101101101
140.215	0110100101101101	140.755	000100010011101	141.295	000001111101101	141.835	010010010101101101
140.220	110101001011101	140.760	111000010011101	141.300	100110111101101	141.840	100010010101101101
140.225	0010100101101101	140.765	011000010011101	141.305	000110111101101	141.845	000010010101101101
140.230	1100100101101101	140.770	101000010011101	141.310	111010111101101	141.850	10010010101101101
140.235	0100100101101101	140.775	001000010011101	141.315	011010111101101	141.855	00010010101101101
140.240	1000100101101101	140.780	110000010011101	141.320	101010111101101	141.860	11100010101101101
140.245	0000100101101101	140.785	010000010011101	141.325	001010111101101	141.865	01100010101101101
140.250	1001000101101101	140.790	100000010011101	141.330	110010111101101	141.870	10100010101101101
140.255	0001000101101101	140.795	000000010011101	141.335	010010111101101	141.875	00100010101101101
140.260	11100010101101101	140.800	100111000011101	141.340	100010111101101	141.880	11000010101101101
140.265	01100010101101101	140.805	000111000011101	141.345	000010111101101	141.885	01000010101101101
140.270	10100010101101101	140.810	111011000011101	141.350	100100111101101	141.890	10000010101101101
140.275	00100010101101101	140.815	011011000011101	141.355	000100111101101	141.895	00000010101101101
140.280	11000010101101101	140.820	101011000011101	141.360	111000111101101	141.900	10010000101101101
140.285	01000010101101101	140.825	001011000011101	141.365	011000111101101	141.905	00010000101101101
140.290	10000010101101101	140.830	110010000011101	141.370	101000111101101	141.910	11100000101101101
140.295	00000010101101101	140.835	010010000011101	141.375	001000111101101	141.915	01100000101101101
140.300	100110001011101	140.840	100010000011101	141.380	110000111101101	141.920	10100000101101101
140.305	000110001011101	140.845	000010000011101	141.385	010000111101101	141.925	00100000101101101
140.310	111010001011101	140.850	100101000011101	141.390	100000111101101	141.930	11000000101101101
140.315	011010001011101	140.855	000101000011101	141.395	000000111101101	141.935	01000000101101101
140.320	110100001011101	140.860	111001000011101	141.400	100111011101101	141.940	10000000101101101
140.325	001010001011101	140.865	011001000011101	141.405	0001101101101101	141.945	00000000101101101
140.330	110010001011101	140.870	101001000011101	141.410	1110101101101101	141.950	10010000101101101
140.335	010010001011101	140.875	001001000011101	141.415	0110101101101101	141.955	00010000101101101
140.340	100010001011101	140.880	110001000011101	141.420	1010101101101101	141.960	11100000101101101
140.345	000010001011101	140.885	010001000011101	141.425	0010101101101101	141.965	01100000101101101
140.350	100100001011101	140.890	100001000011101	141.430	1100101101101101	141.970	10100000101101101
140.355	000100001011101	140.895	000001000011101	141.435	01000101101101101	141.975	00100000101101101
140.360	111000001011101	140.900	100101000011101	141.440	1000101101101101	141.980	11000000101101101
140.365	011000001011101	140.905	000101000011101	141.445	00000101101101101	141.985	01000000101101101
140.370	101000001011101	140.910	111001000011101	141.450	10010101101101101	141.990	10000000101101101
140.375	001000001011101	140.915	011010100011101	141.455	00010101101101101	141.995	00000000101101101
140.380	110000001011101	140.920	101010100011101	141.460	1110101101101101	142.000	100111101101101
140.385	010000001011101	140.925	001010100011101	141.465	011000101101101	142.005	000111101101101
140.390	100000001011101	140.930	110010100011101	141.470	101000101101101	142.010	11101010101101101
140.395	000000001011101	140.935	010010100011101	141.475	001000101101101	142.015	01101010101101101
140.400	100111100011101	140.940	100010100011101	141.480	110000101101101	142.020	10101010101101101
140.405	000111100011101	140.945	000010100011101	141.485	010000101101101	142.025	00101010101101101
140.410	111011100011101	140.950	100100100011101	141.490	100000101101101	142.030	11001010101101101
140.415	011011100011101	140.955	000100100011101	141.495	000000101101101	142.035	01001010101101101
140.420	101011100011101	140.960	111000100011101	141.500	1001000101101101	142.040	10001010101101101
140.425	001011100011101	140.965	011000100011101	141.505	0001000101101101	142.045	00001010101101101
140.430	110011100011101	140.970	101000100011101	141.510	11100010101101101	142.050	10010010101101101
140.435	010011100011101	140.975	001000100011101	141.515	01100010101101101	142.055	00010010101101101
140.440	100011100011101	140.980	110000100011101	141.520	10100010101101101	142.060	11100110101101101
140.445	000011100011101	140.985	010000100011101	141.525	00100010101101101	142.065	01100110101101101
140.450	100101100011101	140.990	100000100011101	141.530	110000101101101	142.070	10100110101101101
140.455	000101100011101	140.995	000000100011101	141.535	010000101101101		

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FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
142.160	111000110101101	142.700	100110000101101	143.240	100011101001101	143.780	110000010000101
142.165	011000110101101	142.705	000110000101101	143.245	00001101001101	143.785	01000011000101
142.170	1010011010101101	142.710	111010000101101	143.250	100101101001101	143.790	10000011000101
142.175	001000110101101	142.715	011010000101101	143.255	000101101001101	143.795	00000011000101
142.180	110000110101101	142.720	101010000101101	143.260	111001101001101	143.800	10011101000101
142.185	010000110101101	142.725	001010000101101	143.265	011001101001101	143.805	00011101000101
142.190	100000110101101	142.730	110010000101101	143.270	101001101001101	143.810	11101101000101
142.195	000000110101101	142.735	010010000101101	143.275	001001101001101	143.815	01101101000101
142.200	100111010101101	142.740	100010000101101	143.280	110001101001101	143.820	10101101000101
142.205	000111010101101	142.745	000010000101101	143.285	010001101001101	143.825	00101101000101
142.210	111011010101101	142.750	100100000101101	143.290	100001101001101	143.830	11001101000101
142.215	011011010101101	142.755	000100000101101	143.295	000001101001101	143.835	01001101000101
142.220	101011010101101	142.760	111000000101101	143.300	100110101001101	143.840	10001101000101
142.225	001011010101101	142.765	011000000101101	143.305	000110101001101	143.845	00001101000101
142.230	110011010101101	142.770	101000000101101	143.310	111010101001101	143.850	10010101000101
142.235	010011010101101	142.775	001000000101101	143.315	011010101001101	143.855	00010101000101
142.240	100011010101101	142.780	110000000101101	143.320	101010101001101	143.860	11100101000101
142.245	000011010101101	142.785	010000000101101	143.325	001010101001101	143.865	01100101000101
142.250	100101010101101	142.790	100000000101101	143.330	110010101001101	143.870	10100101000101
142.255	000101010101101	142.795	000000000101101	143.335	010010101001101	143.875	00100101000101
142.260	111001010101101	142.800	100111110001101	143.340	100010101001101	143.880	11000101000101
142.265	011001010101101	142.805	000111110001101	143.345	000010101001101	143.885	01000101000101
142.270	101001010101101	142.810	111011110001101	143.350	100100101001101	143.890	10000101000101
142.275	001001010101101	142.815	011011110001101	143.355	000100101001101	143.895	00000101000101
142.280	110001010101101	142.820	101011110001101	143.360	111000101001101	143.900	10011001000101
142.285	010001010101101	142.825	001011110001101	143.365	011000101001101	143.905	00011001000101
142.290	1000001010101101	142.830	110011110001101	143.370	101000101001101	143.910	11101001000101
142.295	000001010101101	142.835	010011110001101	143.375	001000101001101	143.915	01101001000101
142.300	100110010101101	142.840	100011110001101	143.380	110000101001101	143.920	10101001000101
142.305	000110010101101	142.845	000011110001101	143.385	010000101001101	143.925	00101001000101
142.310	111010010101101	142.850	100101110001101	143.390	100000101001101	143.930	11001001000101
142.315	011010010101101	142.855	000101110001101	143.395	000000101001101	143.935	01001001000101
142.320	101010010101101	142.860	111001110001101	143.400	1001110001001101	143.940	10001001000101
142.325	001010010101101	142.865	011001110001101	143.405	0001110001001101	143.945	00001001000101
142.330	110010010101101	142.870	101001110001101	143.410	11101001001101	143.950	10010001000101
142.335	010010010101101	142.875	001001110001101	143.415	01101001001101	143.955	00010001000101
142.340	100010010101101	142.880	110001110001101	143.420	10101001001101	143.960	11100001000101
142.345	000010010101101	142.885	010001110001101	143.425	0010101001001101	143.965	01100001000101
142.350	100100010101101	142.890	100001110001101	143.430	11001001001101	143.970	10100001000101
142.355	000100010101101	142.895	000001110001101	143.435	01001001001101	143.975	00100001000101
142.360	111000010101101	142.900	100101110001101	143.440	10001001001101	143.980	11000001000101
142.365	011000010101101	142.905	000101110001101	143.445	00001001001101	143.985	01000001000101
142.370	101000010101101	142.910	111010110001101	143.450	10010001001101	143.990	10000001000101
142.375	001000010101101	142.915	011010110001101	143.455	00010001001101	143.995	00000001000101
142.380	110000010101101	142.920	101010110001101	143.460	1110010001001101	144.000	10011100000101
142.385	010000010101101	142.925	001010110001101	143.465	0110010001001101	144.005	00011100000101
142.390	100000010101101	142.930	110010110001101	143.470	1010010001001101	144.010	11101100000101
142.395	000000010101101	142.935	010010110001101	143.475	0010010001001101	144.015	01101100000101
142.400	1001111000010101	142.940	100001011001101	143.480	1100010001001101	144.020	10101100000101
142.405	0001111000010101	142.945	000001011001101	143.485	0100010001001101	144.025	00101100000101
142.410	1110111000010101	142.950	100000011001101	143.490	1000000100010101	144.030	11001100000101
142.415	0110111000010101	142.955	000100011001101	143.495	0000000100010101	144.035	01001100000101
142.420	1010111000010101	142.960	111000011001101	143.500	1001100001000101	144.040	10001100000101
142.425	0010111000010101	142.965	011000011001101	143.505	0001100001000101	144.045	00001100000101
142.430	1100111000010101	142.970	101000011001101	143.510	1110100001000101	144.050	10010100000101
142.435	0100111000010101	142.975	001000011001101	143.515	0110100001000101	144.055	00010100000101
142.440	1000111000010101	142.980	110000011001101	143.520	1010100001000101	144.060	11100100000101
142.445	0000111000010101	142.985	010000011001101	143.525	0010100001000101	144.065	01100100000101
142.450	1001011000010101	142.990	100000011001101	143.530	1100100001000101	144.070	10100100000101
142.455	0001011000010101	142.995	000000011001101	143.535	0100100001000101	144.075	00100100000101
142.460	1110011000010101	143.000	100111010001101	143.540	1000010000010001	144.080	11000100000101
142.465	0110011000010101	143.005	000111010001101	143.545	0000100001000101	144.085	00001000000101
142.470	1010011000010101	143.010	111011010001101	143.550	1001000001000101	144.090	10000100000101
142.475	0010011000010101	143.015	011011010001101	143.555	0001000001000101	144.095	00000100000101
142.480	1100011000010101	143.020	101011010001101	143.560	1110000001000101	144.100	1001101000000101
142.485	0100011000010101	143.025	001011010001101	143.565	0110000001000101	144.105	0001101000000101
142.490	1000011000010101	143.030	110011010001101	143.570	1010000001000101	144.110	1110101000000101
142.495	0000011000010101	143.035	010011010001101	143.575	0010000001000101	144.115	0110101000000101
142.500	1001010100010101	143.040	100011010001101	143.580	1100000001000101	144.120	1010101000000101
142.505	0001010100010101	143.045	000011010001101	143.585	0100000001000101	144.125	0010101000000101
142.510	1110101000010101	143.050	100101010001101	143.590	1000000001000101	144.130	1100101000000101
142.515	0110101000010101	143.055	000101010001101	143.595	0000000001000101	144.135	0100101000000101
142.520	1010101000010101	143.060	111001010001101	143.600	1001111000010101	144.140	1000101000000101
142.525	0010101000010101	143.065	011001010001101	143.605	0001111000010101	144.145	0000101000000101
142.530	1100101000010101	143.070	101001010001101	143.610	1110111000010101	144.150	1001001000000101
142.535	0100101000010101	143.075	001001010001101	143.615	0110111000010101	144.155	0001001000000101
142.540	1000101000010101	143.080	110001010001101	143.620	1010111000010101	144.160	1110001000000101
142.545	0000101000010101	143.085	010001010001101	143.625	0010111000010101	144.165	0110001000000101
142.550	1001001000010101	143.090	1000001010000101	143.630	1100111000010101	144.170	1010001000000101
142.555	0001001000010101	143.095	0000001010000101	143.635	0100111000010101	144.175	0010001000000101
142.560	1110001000010101	143.100	1001100001000101	143.640	1000111000010101	144.180	1100001000000101
142.565	0110001000010101	143.105	0001100001000101	143.645	0000111000010101	144.185	0100001000000101
142.570	1010001000010101	143.110	1110100001000101	143.650	1001011000010101	144.190	1000001000000101
142.575	0010001000010101	143.115	0110100001000101	143.655	0001011000010101	144.195	0000001000000101
142.580	1100001000010101	143.120	1010100001000101	143.660	1110011000010101	144.200	1001100000000101
142.585	0100001000010101	143.125	0010100001000101	143.665	0110011000010101	144.205	0001100000000101
142.590	1000001000010101	143.130	1100100001000101	143.670	1010011000010101	144.210	1110100000000101
142.595	0000001000010101	143.135	0100100001000101	143.675	0010011000010101	144.215	0110100000000101
142.600	1001110000010101	143.140	1000010000010001	143.680	1100011000010101	144.220	1010100000000101
142.605	0001110000010101	143.145	0000010000010001	143.685	0100011000010101	144.225	0010100000000101
142.610	1110110000010101	143.150	1001000001000101	143.690	1000011000010101	144.230	1100100000000101
142.615	0110110000010101	143.155	0001000001000101	143.695	0000011000010101	144.235	0100100000000101
142.620	1010110000010101	143.160	1110000001000101	143.700	1001101000010101	1	

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
144.320	10101000000101	144.860	111001101110101	145.400	100111010110101	145.940	100010000110101
144.325	00101000000101	144.865	011001101110101	145.405	000111010110101	145.945	000010000110101
144.330	11001000000101	144.870	11001101110101	145.410	111011010110101	145.950	100100000110101
144.335	01001000000101	144.875	001001101110101	145.415	01101101110101	145.955	000100000110101
144.340	10001000000101	144.880	110001101110101	145.420	101011010110101	145.960	111000000110101
144.345	00001000000101	144.885	010001101110101	145.425	001011010110101	145.965	011000000110101
144.350	10010000000101	144.890	100001101110101	145.430	100011010110101	145.970	101000000110101
144.355	00010000000101	144.895	000001101110101	145.435	010011010110101	145.975	001000000110101
144.360	11100000000101	144.900	100110101110101	145.440	100011010110101	145.980	110000000110101
144.365	01100000000101	144.905	000110101110101	145.445	000011010110101	145.985	010000000110101
144.370	10100000000101	144.910	111010101110101	145.450	100101010110101	145.990	100000000110101
144.375	00100000000101	144.915	011010101110101	145.455	000101010110101	145.995	000000000110101
144.380	11000000000101	144.920	101010111010101	145.460	111001010110101	146.000	10011111010101
144.385	01000000000101	144.925	001010101110101	145.465	011001010110101	146.005	00011111010101
144.390	10000000000101	144.930	110010101110101	145.470	101001010110101	146.010	11101111010101
144.395	00000000000101	144.935	010010101110101	145.475	001001010110101	146.015	01101111010101
144.400	10011111110101	144.940	100010111010101	145.480	110001010110101	146.020	10101111010101
144.405	00011111110101	144.945	000010101110101	145.485	010001010110101	146.025	00101111010101
144.410	11101111110101	144.950	100100101110101	145.490	100001010110101	146.030	11001111010101
144.415	01101111110101	144.955	000100101110101	145.495	000001010110101	146.035	01001111010101
144.420	10101111110101	144.960	111000101110101	145.500	100110010110101	146.040	10001111010101
144.425	00101111110101	144.965	011000101110101	145.505	000110010110101	146.045	00001111010101
144.430	11001111110101	144.970	101000101110101	145.510	111001010110101	146.050	10101111010101
144.435	01001111110101	144.975	001000101110101	145.515	011001010110101	146.055	00010111010101
144.440	10001111110101	144.980	110000101110101	145.520	101001010110101	146.060	11100111010101
144.445	00001111110101	144.985	010000101110101	145.525	001001010110101	146.065	01100111010101
144.450	10010111110101	144.990	100000101110101	145.530	110001010110101	146.070	10100111010101
144.455	00010111110101	144.995	000000101110101	145.535	010001010110101	146.075	00100111010101
144.460	11100111110101	145.000	100110011010101	145.540	100001010110101	146.080	11000111010101
144.465	01100111110101	145.005	000110011010101	145.545	000001010110101	146.085	01000111010101
144.470	10100111110101	145.010	111010011010101	145.550	100100010110101	146.090	10000111010101
144.475	00100111110101	145.015	011010011010101	145.555	000100010110101	146.095	00000111010101
144.480	11000111110101	145.020	101010011010101	145.560	111000010110101	146.100	10011011010101
144.485	01000111110101	145.025	001010011010101	145.565	011000010110101	146.105	00011011010101
144.490	10000111110101	145.030	11100100110101	145.570	101000010110101	146.110	11101011010101
144.495	00000111110101	145.035	010010011010101	145.575	001000010110101	146.115	01101011010101
144.500	10011011110101	145.040	100010011010101	145.580	110000010110101	146.120	10101011010101
144.505	00011011110101	145.045	000010011010101	145.585	010000010110101	146.125	00101011010101
144.510	11101011110101	145.050	100101011010101	145.590	100000010110101	146.130	110101011010101
144.515	01101011110101	145.055	000101011010101	145.595	000000010110101	146.135	01001011010101
144.520	10101011110101	145.060	11100100110101	145.600	100111100110101	146.140	10001011010101
144.525	00101011110101	145.065	01100100110101	145.605	000111100110101	146.145	00001011010101
144.530	11001011110101	145.070	110010011010101	145.610	11100100110101	146.150	100101101010101
144.535	01001011110101	145.075	00100100110101	145.615	01100100110101	146.155	00010011010101
144.540	10001011110101	145.080	11000100110101	145.620	10100100110101	146.160	111000011010101
144.545	00001011110101	145.085	01000100110101	145.625	00100100110101	146.165	011000011010101
144.550	10010011110101	145.090	10000100110101	145.630	11000100110101	146.170	101000011010101
144.555	00010011110101	145.095	00000100110101	145.635	01000100110101	146.175	001000011010101
144.560	11100001110101	145.100	10011000110101	145.640	10000100110101	146.180	111000011010101
144.565	01100001110101	145.105	00011000110101	145.645	00000100110101	146.185	010000011010101
144.570	10100001110101	145.110	11100100110101	145.650	100100010110101	146.190	100000011010101
144.575	00100001110101	145.115	011000011010101	145.655	000100010110101	146.195	000000011010101
144.580	11000001110101	145.120	101000011010101	145.660	11100100110101	146.200	100100011010101
144.585	01000001110101	145.125	001000011010101	145.665	01100100110101	146.205	000100011010101
144.590	10000001110101	145.130	110000011010101	145.670	101000010110101	146.210	11100100110101
144.595	00000001110101	145.135	010000011010101	145.675	001000010110101	146.215	01100100110101
144.600	100110111010101	145.140	100000011010101	145.680	110000010110101	146.220	10100100110101
144.605	000110111010101	145.145	000000011010101	145.685	010000010110101	146.225	00100100110101
144.610	111010111010101	145.150	10010000110101	145.690	100000010110101	146.230	110010101010101
144.615	011010111010101	145.155	00010000110101	145.695	000000010110101	146.235	010010101010101
144.620	101010111010101	145.160	11100000110101	145.700	100100010110101	146.240	100010101010101
144.625	001010111010101	145.165	01100000110101	145.705	000100010110101	146.245	000010101010101
144.630	110010111010101	145.170	10100000110101	145.710	11100100110101	146.250	10010101010101
144.635	010010111010101	145.175	00100000110101	145.715	01100100110101	146.255	00010101010101
144.640	100010111010101	145.180	11000000110101	145.720	10100000110101	146.260	111000101010101
144.645	000010111010101	145.185	01000000110101	145.725	00100000110101	146.265	011000101010101
144.650	100100111010101	145.190	10000000110101	145.730	11000100110101	146.270	101000101010101
144.655	000100111010101	145.195	00000000110101	145.735	01000100110101	146.275	001000101010101
144.660	111000111010101	145.200	100101101010101	145.740	10000100110101	146.280	110000101010101
144.665	011000111010101	145.205	000101101010101	145.745	00000100110101	146.285	010000101010101
144.670	101000111010101	145.210	111001101010101	145.750	100100010110101	146.290	100000101010101
144.675	001000111010101	145.215	011001101010101	145.755	000100010110101	146.295	000000101010101
144.680	110000111010101	145.220	101001101010101	145.760	111000010110101	146.300	100100010110101
144.685	010000111010101	145.225	001001101010101	145.765	011000010110101	146.305	000100010110101
144.690	100000111010101	145.230	110001101010101	145.770	101000010110101	146.310	111000010110101
144.695	000000111010101	145.235	010001101010101	145.775	001000010110101	146.315	011000010110101
144.700	1001100011010101	145.240	100001101010101	145.780	110000010110101	146.320	101000010110101
144.705	0001100011010101	145.245	000001101010101	145.785	010000010110101	146.325	000100010110101
144.710	111000011010101	145.250	100101101010101	145.790	100000010110101	146.330	110000010110101
144.715	011000011010101	145.255	000101101010101	145.795	000000010110101	146.335	010000010110101
144.720	101000011010101	145.260	111001101010101	145.800	100110000110101	146.340	100000010110101
144.725	001000011010101	145.265	011001101010101	145.805	000110000110101	146.345	000000010110101
144.730	110000011010101	145.270	101001101010101	145.810	111001000110101	146.350	100100000110101
144.735	010000011010101	145.275	001001101010101	145.815	011001000110101	146.355	000100000110101
144.740	100000011010101	145.280	110001101010101	145.820	101001000110101	146.360	111000000110101
144.745	000000011010101	145.285	010001101010101	145.825	001001000110101	146.365	011000000110101
144.750	1001000011010101	145.290	100001101010101	145.830	110001000110101	146.370	101000000110101
144.755	0001000011010101	145.295	000001101010101	145.835	010001000110101	146.375	001000000110101
144.760	1110000011010101	145.300	100101000110101	145.840	100001000110101	146.380	110000000110101
144.765	0110000011010101	145.305	000101000110101	145.845	000001000110101	146.385	010000000110101
144.770	1010000011010101	145.310	1110000011010101	145.850	100100000110101	146.390	100000000110101
144.775	0010000011010101	145.315	0110000011010101	145.855	000100000110101	146.395	000000000110101
144.780	1100000011010101	145.320	1010000011010101	145.860	111000000110101	146.400	1001111010101

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
150.800	100111111111001	151.340	100010191111001	151.880	1100010101111001	152.420	1010111111011001
150.805	000111111111001	151.345	000010101111001	151.885	0100010101111001	152.425	0010111111011001
150.810	111011111111001	151.350	100100101111001	151.890	1000010101111001	152.430	1100111111011001
150.815	011011111111001	151.355	000100101111001	151.895	0000010101111001	152.435	0100111111011001
150.820	101011111111001	151.360	111000101111001	151.900	1001100010111001	152.440	1000111111011001
150.825	001011111111001	151.365	011000101111001	151.905	0001100101111001	152.445	0000111111011001
150.830	110011111111001	151.370	101000101111001	151.910	1110100101111001	152.450	1001011111011001
150.835	010011111111001	151.375	001000101111001	151.915	0110100101111001	152.455	0001011111011001
150.840	100011111111001	151.380	110000101111001	151.920	1010100101111001	152.460	1110011111011001
150.845	000011111111001	151.385	010000101111001	151.925	0010100101111001	152.465	0110111111011001
150.850	100101111111001	151.390	100000101111001	151.930	1100100101111001	152.470	1010111111011001
150.855	000101111111001	151.395	000000101111001	151.935	0100100101111001	152.475	0100101111011001
150.860	111001111111001	151.400	100110011111001	151.940	1000100101111001	152.480	1100011111011001
150.865	011001111111001	151.405	000110011111001	151.945	0000100101111001	152.485	0100011111011001
150.870	101001111111001	151.410	111010011111001	151.950	1001000101111001	152.490	1000011111011001
150.875	001001111111001	151.415	011010011111001	151.955	0001000101111001	152.495	0000011111011001
150.880	110001111111001	151.420	101010011111001	151.960	1110000101111001	152.500	1001101111011001
150.885	010001111111001	151.425	001010011111001	151.965	0110000101111001	152.505	0001101111011001
150.890	100001111111001	151.430	110010011111001	151.970	1010000101111001	152.510	1110101111011001
150.895	000001111111001	151.435	010010011111001	151.975	0010000101111001	152.515	0110101111011001
150.900	100110111111001	151.440	100011001111001	151.980	1100000101111001	152.520	1010101111011001
150.905	000110111111001	151.445	000011001111001	151.985	0100000101111001	152.525	0010101111011001
150.910	111010111111001	151.450	100101001111001	151.990	1000000101111001	152.530	1100101111011001
150.915	011010111111001	151.455	000101001111001	151.995	0000000101111001	152.535	0100101111011001
150.920	101010111111001	151.460	111001001111001	152.000	1001111001111001	152.540	1000010111011001
150.925	001010111111001	151.465	011001001111001	152.005	0001111001111001	152.545	0000101111011001
150.930	110010111111001	151.470	101001001111001	152.010	1110111001111001	152.550	1001001111011001
150.935	010010111111001	151.475	001001001111001	152.015	0110111001111001	152.555	0001001111011001
150.940	100010111111001	151.480	110001001111001	152.020	1010111001111001	152.560	1110001111011001
150.945	000010111111001	151.485	010001001111001	152.025	0010111001111001	152.565	0110001111011001
15							

152,960 to 155,115

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
152-960	111000101011001	153-500	100110010011001	154-040	100011111101001	154-580	110000101101001
152-965	011000101011001	153-505	000110010011001	154-045	000011111101001	154-585	010000101101001
152-970	101000101011001	153-510	111010010011001	154-050	100101111101001	154-590	00000101101001
152-975	001000101011001	153-515	011010010011001	154-055	000101111101001	154-595	000000101101001
152-980	110000101011001	153-520	101010010011001	154-060	111001111101001	154-600	100111001101001
152-985	010000101011001	153-525	001010010011001	154-065	011001111101001	154-605	000111001101001
152-990	100000101011001	153-530	110010010011001	154-070	101001111101001	154-610	11101001101001
152-995	000000101011001	153-535	010010010011001	154-075	001001111101001	154-615	01101001101001
153-000	100111001011001	153-540	100010010011001	154-080	110001111101001	154-620	10101001101001
153-005	000111001011001	153-545	000010010011001	154-085	010001111101001	154-625	00101001101001
153-010	11011001011001	153-550	10010010011001	154-090	100001111101001	154-630	11001001101001
153-015	01101001011001	153-555	000100010011001	154-095	000001111101001	154-635	01001001101001
153-020	10101001011001	153-560	111000010011001	154-100	10110101101001	154-640	10001001101001
153-025	00101001011001	153-565	011000010011001	154-105	00011011101001	154-645	00001001101001
153-030	11001001011001	153-570	101000010011001	154-110	11101011101001	154-650	10010010011001
153-035	01001001011001	153-575	001000010011001	154-115	01101011101001	154-655	001001001101001
153-040	10001001011001	153-580	110000010011001	154-120	10101011101001	154-660	110001001101001
153-045	00001001011001	153-585	010000010011001	154-125	00101011101001	154-665	01100010011001
153-050	1001001001011001	153-590	100000010011001	154-130	11001011101001	154-670	101001001101001
153-055	0001001001011001	153-595	000000010011001	154-135	01001011101001	154-675	001001001101001
153-060	110001001011001	153-600	10011100010011001	154-140	10001011101001	154-680	11000010011001
153-065	011001001011001	153-605	00011100010011001	154-145	00001011101001	154-685	010001001101001
153-070	101001001011001	153-610	110101100010011001	154-150	10010011101001	154-690	100001001101001
153-075	001001001011001	153-615	011011100010011001	154-155	00010011101001	154-695	000001001101001
153-080	110001001011001	153-620	101011100010011001	154-160	11100011101001	154-700	100110001101001
153-085	010001001011001	153-625	001011100010011001	154-165	01100011101001	154-705	000110001101001
153-090	100001001011001	153-630	110011100010011001	154-170	10100011101001	154-710	111010001101001
153-095	000001001011001	153-635	010011100010011001	154-175	00100011101001	154-715	011010001101001
153-100	100110001011001	153-640	100011100010011001	154-180	11000011101001	154-720	101010001101001
153-105	000110001011001	153-645	000011100010011001	154-185	01000011101001	154-725	001010001101001
153-110	11010001011001	153-650	100101100010011001	154-190	10000011101001	154-730	110010001101001
153-115	011010001011001	153-655	000101100010011001	154-195	00000011101001	154-735	010010001101001
153-120	101010001011001	153-660	111001100010011001	154-200	10110110101001	154-740	100010001101001
153-125	001010001011001	153-665	011001100010011001	154-205	00011011101001	154-745	000010001101001
153-130	110010001011001	153-670	101001100010011001	154-210	11101011101001	154-750	100100001101001
153-135	010010001011001	153-675	001001100010011001	154-215	01101011101001	154-755	000100001101001
153-140	100010001011001	153-680	110001100010011001	154-220	10101011101001	154-760	111000001101001
153-145	000010001011001	153-685	010001100010011001	154-225	00101011101001	154-765	011000001101001
153-150	100100001011001	153-690	100001100010011001	154-230	11001011101001	154-770	101000001101001
153-155	000100001011001	153-695	000001100010011001	154-235	01001011101001	154-775	001000001101001
153-160	111000001011001	153-700	100110100010011001	154-240	10001011101001	154-780	110000001101001
153-165	011000001011001	153-705	000110100010011001	154-245	00001011101001	154-785	010000001101001
153-170	101000001011001	153-710	111010100010011001	154-250	10010011101001	154-790	100000001101001
153-175	001000001011001	153-715	011010100010011001	154-255	00010011101001	154-795	000000001101001
153-180	110000001011001	153-720	101010100010011001	154-260	11100011101001	154-800	10011110101001
153-185	010000001011001	153-725	001010100010011001	154-265	01100011101001	154-805	00011110101001
153-190	100000001011001	153-730	110010100010011001	154-270	10100011101001	154-810	11101110101001
153-195	000000001011001	153-735	010010100010011001	154-275	00100011101001	154-815	01101110101001
153-200	10011110011001	153-740	100010100010011001	154-280	11000101101001	154-820	10101110101001
153-205	00011110011001	153-745	000010100010011001	154-285	01000101101001	154-825	00101110101001
153-210	11011110011001	153-750	100100100010011001	154-290	10000101101001	154-830	11001110101001
153-215	01101110011001	153-755	000100100010011001	154-295	00000101101001	154-835	01001110101001
153-220	10101110011001	153-760	111000100010011001	154-300	10110110101001	154-840	10001110101001
153-225	00101110011001	153-765	011000100010011001	154-305	00011001101001	154-845	00001110101001
153-230	11001110011001	153-770	101000100010011001	154-310	11101011101001	154-850	10010110101001
153-235	01001110011001	153-775	001000100010011001	154-315	01101011101001	154-855	00010110101001
153-240	10001110011001	153-780	110000100010011001	154-320	10101001101001	154-860	11100110101001
153-245	00001110011001	153-785	010000100010011001	154-325	00101001101001	154-865	01100110101001
153-250	10010110011001	153-790	100000100010011001	154-330	11001011101001	154-870	10100110101001
153-255	00010110011001	153-795	000000100010011001	154-335	01001011101001	154-875	00100110101001
153-260	110010110011001	153-800	10011000010011001	154-340	10001011101001	154-880	11000110101001
153-265	0110010110011001	153-805	00011000010011001	154-345	00001011101001	154-885	01000110101001
153-270	1010010110011001	153-810	11101000010011001	154-350	10010001101001	154-890	10000110101001
153-275	0010010110011001	153-815	01101000010011001	154-355	00010001101001	154-895	00000110101001
153-280	1100010110011001	153-820	10101000010011001	154-360	11100001101001	154-900	10010110101001
153-285	0100010110011001	153-825	00101000010011001	154-365	01100001101001	154-905	00010110101001
153-290	1000010110011001	153-830	11001000010011001	154-370	10100001101001	154-910	11101010101001
153-295	0000010110011001	153-835	01001000010011001	154-375	00100001101001	154-915	01101010101001
153-300	100110110011001	153-840	10001000010011001	154-380	11000001101001	154-920	10101010101001
153-305	000110110011001	153-845	00001000010011001	154-385	01000001101001	154-925	00101010101001
153-310	111010110011001	153-850	10010100010011001	154-390	10000001101001	154-930	11001010101001
153-315	011010110011001	153-855	00010100010011001	154-395	00000001101001	154-935	01001010101001
153-320	101010110011001	153-860	11100100010011001	154-400	10011110101001	154-940	10001010101001
153-325	001010110011001	153-865	01100100010011001	154-405	00011110101001	154-945	00001010101001
153-330	110010110011001	153-870	10100100011001	154-410	11101011101001	154-950	10010010101001
153-335	010010110011001	153-875	00100100010011001	154-415	01101011101001	154-955	00010010101001
153-340	100010110011001	153-880	11000100010011001	154-420	10101011101001	154-960	11000010101001
153-345	000010110011001	153-885	01000100010011001	154-425	00101011101001	154-965	01100010101001
153-350	100100110011001	153-890	10000100010011001	154-430	11001011101001	154-970	10100010101001
153-355	000100110011001	153-895	00000100010011001	154-435	01001011101001	154-975	00100010101001
153-360	111000110011001	153-900	10011000010011001	154-440	10001011101001	154-980	11000010101001
153-365	011000110011001	153-905	00011000010011001	154-445	00001011101001	154-985	01000010101001
153-370	101000110011001	153-910	11101000010011001	154-450	10010101101001	154-990	10000010101001
153-375	001000110011001	153-915	01101000010011001	154-455	00010101101001	154-995	00000010101001
153-380	110000110011001	153-920	10101000010011001	154-460	11100101101001	155-000	10011010101001
153-385	010000110011001	153-925	00101000010011001	154-465	01100101101001	155-005	00011010101001
153-390	100000110011001	153-930	11001000010011001	154-470	10100101101001	155-010	11101010101001
153-395	000000110011001	153-935	01001000010011001	154-475	00100101101001	155-015	01101010101001
153-400	100110110011001	153-940	10001000010011001	154-480	11000101101001	155-020	10101010101001
153-405	000110110011001	153-945	00001000010011001	154-485	01000101101001	155-025	00101010101001
153-410	110110110011001	153-950	10010000010011001	154-490	10000101101001	155-030	11001010101001
153-415	011010110011001	153-955	00010000010011001	154-495	00000101101001	155-035	011001010101001
153-420	101010110011001	153-960	11100000010011001	154-500	10011010101001	155-040	10001010101001
153-425							

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
155.120	101010010101001	155.660	111001111001001	156.200	100111001001001	156.740	100010010001001
155.125	001010010101001	155.665	011001111001001	156.205	000111001001001	156.745	000010010001001
155.130	110010101010101	155.670	101001111001001	156.210	111011001001001	156.750	100100010001001
155.135	010010010101001	155.675	001001111001001	156.215	011011001001001	156.755	000100010001001
155.140	100010010101001	155.680	110001111001001	156.220	101011001001001	156.760	111000010001001
155.145	000010010101001	155.685	010001111001001	156.225	001011001001001	156.765	011000010001001
155.150	100100010101001	155.690	100001111001001	156.230	110011001001001	156.770	101000010001001
155.155	000100010101001	155.695	000001111001001	156.235	010011001001001	156.775	001000010001001
155.160	111000010101001	155.700	100110111001001	156.240	100011001001001	156.780	110000010001001
155.165	011000010101001	155.705	000110111001001	156.245	000011001001001	156.785	010000010001001
155.170	101000010101001	155.710	111010111001001	156.250	10010001001001	156.790	100000010001001
155.175	001000010101001	155.715	011010111001001	156.255	00010001001001	156.795	000000010001001
155.180	110000010101001	155.720	101010111001001	156.260	111001001001001	156.800	1001110001001001
155.185	010000010101001	155.725	001010111001001	156.265	011001001001001	156.805	0001110001001001
155.190	100000010101001	155.730	110010111001001	156.270	101001001001001	156.810	1110110001001001
155.195	000000010101001	155.735	010010111001001	156.275	001001001001001	156.815	0110110001001001
155.200	100111001001001	155.740	100010111001001	156.280	110001001001001	156.820	1010110001001001
155.205	000111001001001	155.745	000010111001001	156.285	010001001001001	156.825	0010110001001001
155.210	111011001001001	155.750	100100111001001	156.290	100001001001001	156.830	1100110001001001
155.215	011011001001001	155.755	000100111001001	156.295	000001001001001	156.835	0100110001001001
155.220	1101011001001001	155.760	111001001001001	156.300	10010001001001	156.840	1000110001001001
155.225	0010111001001001	155.765	0110001001001001	156.305	000110001001001	156.845	0000110001001001
155.230	110011001001001	155.770	1010001001001001	156.310	11100001001001	156.850	1010110001001001
155.235	010011001001001	155.775	0010001001001001	156.315	01100001001001	156.855	0001010001001001
155.240	100011001001001	155.780	1100001001001001	156.320	10100001001001	156.860	1110010001001001
155.245	000011001001001	155.785	0100001001001001	156.325	00100001001001	156.865	0110010001001001
155.250	100101001001001	155.790	1000001001001001	156.330	11000001001001	156.870	1010010001001001
155.255	000101001001001	155.795	0000001001001001	156.335	01000001001001	156.875	0010010001001001
155.260	111001001001001	155.800	1001101001001001	156.340	100010001001001	156.880	110001000001001
155.265	011001001001001	155.805	0001101001001001	156.345	000010001001001	156.885	010001000001001
155.270	101001001001001	155.810	1110101001001001	156.350	100100001001001	156.890	100001000001001
155.275	001001001001001	155.815	0110101001001001	156.355	000100001001001	156.895	000001000001001
155.280	110001001001001	155.820	1010101001001001	156.360	111000001001001	156.900	101010000001001
155.285	010001001001001	155.825	0010101001001001	156.365	011000001001001	156.905	000101000001001
155.290	100001001001001	155.830	1100101001001001	156.370	101000001001001	156.910	111010000001001
155.295	000001001001001	155.835	0100101001001001	156.375	001000001001001	156.915	011010000001001
155.300	1001101001001001	155.840	1000101001001001	156.380	110000001001001	156.920	101010000001001
155.305	0001101001001001	155.845	0000101001001001	156.385	010000001001001	156.925	001010000001001
155.310	1110101001001001	155.850	10010101001001001	156.390	100000001001001	156.930	11001010000001001
155.315	0110101001001001	155.855	00010101001001001	156.395	000000001001001	156.935	01001010000001001
155.320	1010101001001001	155.860	11100101001001001	156.400	100111100001001	156.940	10000101000001001
155.325	0010101001001001	155.865	01100101001001001	156.405	000111100001001	156.945	00000101000001001
155.330	1100101001001001	155.870	10100101001001001	156.410	111001100001001	156.950	10010010000001001
155.335	0100101001001001	155.875	00100101001001001	156.415	011001100001001	156.955	00010010000001001
155.340	1000101001001001	155.880	11000101001001001	156.420	101001100001001	156.960	11000100000001001
155.345	0000101001001001	155.885	01000101001001001	156.425	001001100001001	156.965	01100010000001001
155.350	10010001001001001	155.890	10000101001001001	156.430	110001100001001	156.970	10100010000001001
155.355	00010001001001001	155.895	00000101001001001	156.435	010001100001001	156.975	00100010000001001
155.360	11100001001001001	155.900	10011001001001001	156.440	100011100001001	156.980	11000010000001001
155.365	01100001001001001	155.905	00011001001001001	156.445	000011100001001	156.985	01000010000001001
155.370	10100001001001001	155.910	11100001001001001	156.450	100101100001001	156.990	10000010000001001
155.375	00100001001001001	155.915	01100001001001001	156.455	000101100001001	156.995	00000010000001001
155.380	11000001001001001	155.920	10100001001001001	156.460	111000100001001	157.000	10011000000001001
155.385	01000001001001001	155.925	00100001001001001	156.465	011000100001001	157.005	00011000000001001
155.390	10000001001001001	155.930	11000001001001001	156.470	101000100001001	157.010	11101000000001001
155.395	00000001001001001	155.935	01000001001001001	156.475	001000100001001	157.015	01101000000001001
155.400	1001110001001001	155.940	10000001001001001	156.480	110000100001001	157.020	10101000000001001
155.405	0001110001001001	155.945	00000001001001001	156.485	010000100001001	157.025	00101000000001001
155.410	1110110001001001	155.950	10010001001001001	156.490	100000100001001	157.030	11001100000001001
155.415	0110110001001001	155.955	00010001001001001	156.495	000000100001001	157.035	01001100000001001
155.420	1010110001001001	155.960	11100001001001001	156.500	100100100001001	157.040	10001100000001001
155.425	0010110001001001	155.965	01100001001001001	156.505	000100100001001	157.045	00000100000001001
155.430	1100110001001001	155.970	10100001001001001	156.510	111000100001001	157.050	10010000000001001
155.435	0100110001001001	155.975	00100001001001001	156.515	011000100001001	157.055	00010000000001001
155.440	1000110001001001	155.980	11000001001001001	156.520	101000100001001	157.060	11100000000001001
155.445	0000110001001001	155.985	01000001001001001	156.525	001000100001001	157.065	01100000000001001
155.450	1001010001001001	155.990	10000001001001001	156.530	110000100001001	157.070	10100000000001001
155.455	0001010001001001	155.995	00000001001001001	156.535	010000100001001	157.075	00100000000001001
155.460	1110010001001001	156.000	1001110001001001	156.540	100001010001001	157.080	11000100000001001
155.465	0110010001001001	156.005	0001110001001001	156.545	000001010001001	157.085	01000100000001001
155.470	1010010001001001	156.010	1110110001001001	156.550	100100010001001	157.090	10000100000001001
155.475	0010010001001001	156.015	0110110001001001	156.555	000100010001001	157.095	00000100000001001
155.480	1100010001001001	156.020	1010110001001001	156.560	111000010001001	157.100	10010000000001001
155.485	0100010001001001	156.025	0010110001001001	156.565	011000010001001	157.105	00010000000001001
155.490	1000010001001001	156.030	1100110001001001	156.570	101000010001001	157.110	11100100000001001
155.495	0000010001001001	156.035	0100110001001001	156.575	001000010001001	157.115	01101000000001001
155.500	1001000001001001	156.040	1000110001001001	156.580	110000010001001	157.120	10100000000001001
155.505	0001000001001001	156.045	0000110001001001	156.585	010000010001001	157.125	00100000000001001
155.510	1110000001001001	156.050	1001010001001001	156.590	100000010001001	157.130	11000000000001001
155.515	0110000001001001	156.055	0001010001001001	156.595	000000010001001	157.135	01000000000001001
155.520	1010000001001001	156.060	111000100001001001	156.600	100110100001001	157.140	10000000000001001
155.525	0010000001001001	156.065	011000100001001001	156.605	000110100001001	157.145	00000000000001001
155.530	1100000001001001	156.070	101000100001001001	156.610	111001000001001	157.150	10010000000001001
155.535	0100000001001001	156.075	001000100001001001	156.615	011001000001001	157.155	00010000000001001
155.540	1000000001001001	156.080	110000100001001001	156.620	101001000001001	157.160	11100000000001001
155.545	0000000001001001	156.085	010000100001001001	156.625	001001000001001	157.165	01100000000001001
155.550	100100000001001001	156.090	100000100001001001	156.630	110001000001001	157.170	10100000000001001
155.555	000100000001001001	156.095	0000000001001001001	156.635	010001000001001	157.175	00100000000001001
155.560	111000000001001001	156.100	100100000001001001	156.640	100001000001001	157.180	11000000000001001
155.565	011000000001001001	156.105	000100000001001001	156.645	000001000001001		

159.440 to 160.000

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
159.440	100011001010001	159.585	010000001010001	159.730	110010110010001	159.875	001001010010001
159.445	000011001010001	159.590	100000001010001	159.735	010010110010001	159.880	110001010010001
159.450	100101001010001	159.595	000000001010001	159.740	100010110010001	159.885	010001010010001
159.455	000101001010001	159.600	10011110010001	159.745	000010110010001	159.890	100001010010001
159.460	111001001010001	159.605	00011110010001	159.750	100100110010001	159.895	000001010010001
159.465	011001001010001	159.610	111011110010001	159.755	000100110010001	159.900	100110010010001
159.470	101001001010001	159.615	011011110010001	159.760	111000110010001	159.905	000110010010001
159.475	001001001010001	159.620	101011110010001	159.765	011000110010001	159.910	111010010010001
159.480	110001001010001	159.625	001011110010001	159.770	101000110010001	159.915	011010010010001
159.485	010001001010001	159.630	110011110010001	159.775	001000110010001	159.920	101010010010001
159.490	100001001010001	159.635	010011110010001	159.780	110000110010001	159.925	001010010010001
159.495	000001001010001	159.640	100011110010001	159.785	010000110010001	159.930	110010010010001
159.500	100110001010001	159.645	000011110010001	159.790	100000110010001	159.935	010010010010001
159.505	000110001010001	159.650	100101110010001	159.795	000000110010001	159.940	100010010010001
159.510	111010001010001	159.655	000101110010001	159.800	100111010010001	159.945	000010010010001
159.515	011010001010001	159.660	111001110010001	159.805	000111010010001	159.950	100100010010001
159.520	101010001010001	159.665	011001110010001	159.810	111011010010001	159.955	000100010010001
159.525	001010001010001	159.670	101001110010001	159.815	011011010010001	159.960	111000010010001
159.530	110010001010001	159.675	001001110010001	159.820	101011010010001	159.965	011000010010001
159.535	010010001010001	159.680	110001110010001	159.825	001011010010001	159.970	101000010010001
159.540	100010001010001	159.685	010001110010001	159.830	110011010010001	159.975	001000010010001
159.545	000010001010001	159.690	100001110010001	159.835	010011010010001	159.980	110000010010001
159.550	100100001010001	159.695	000001110010001	159.840	100011010010001	159.985	010000010010001
159.555	000100001010001	159.700	100110110010001	159.845	000011010010001	159.990	100000010010001
159.560	111000001010001	159.705	000110110010001	159.850	100101010010001	159.995	000000010010001
159.565	011000001010001	159.710	111010110010001	159.855	000101010010001	160.000	10011100010001
159.570	101000001010001	159.715	011010110010001	159.860	111001010010001		
159.575	001000001010001	159.720	101010110010001	159.865	011001010010001		
159.580	110000001010001	159.725	001010110010001	159.870	101001010010001		

470.000 to 472.155

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
470.000	100111101011100	470.540	100010110011100	471.080	110001100011100	471.620	101011101101100
470.005	000111101011100	470.545	000010110011100	471.085	010001100011100	471.625	001011101101100
470.010	111011101011100	470.550	100100110011100	471.090	100001100011100	471.630	110011101101100
470.015	011011101011100	470.555	000100110011100	471.095	000001100011100	471.635	010011101101100
470.020	101011101011100	470.560	111000110011100	471.100	100110000011100	471.640	100011101101100
470.025	001011101011100	470.565	011000110011100	471.105	000110000011100	471.645	000011101101100
470.030	110011101011100	470.570	101000110011100	471.110	111010000011100	471.650	100101101101100
470.035	010011101011100	470.575	001000110011100	471.115	011010000011100	471.655	000101101101100
470.040	100011101011100	470.580	110000110011100	471.120	101010000011100	471.660	111001101101100
470.045	000011101011100	470.585	010000110011100	471.125	001010000011100	471.665	011001101101100
470.050	100101101011100	470.590	100000110011100	471.130	110010000011100	471.670	101001101101100
470.055	000101101011100	470.595	000000110011100	471.135	010010000011100	471.675	001001101101100
470.060	111001101011100	470.600	100110100011100	471.140	100010000011100	471.680	110001101101100
470.065	011001101011100	470.605	000110100011100	471.145	000010000011100	471.685	010001101101100
470.070	101001101011100	470.610	111011001110100	471.150	100100000011100	471.690	100001101101100
470.075	001001101011100	470.615	011011001110100	471.155	000100000011100	471.695	000001101101100
470.080	110001101011100	470.620	101010100110100	471.160	111000000011100	471.700	100110101101100
470.085	010001101011100	470.625	001010100110100	471.165	011000000011100	471.705	000110101101100
470.090	100001101011100	470.630	110011001110100	471.170	101000000011100	471.710	111010101101100
470.095	000001101011100	470.635	010011001110100	471.175	001000000011100	471.715	011010101101100
470.100	100110101011100	470.640	100011001110100	471.180	110000000011100	471.720	101010101101100
470.105	000110101011100	470.645	000011001110100	471.185	010000000011100	471.725	001010101101100
470.110	111010101011100	470.650	100101001110100	471.190	100000000011100	471.730	110010101101100
470.115	011010101011100	470.655	000101001110100	471.195	000000000011100	471.735	010010101101100
470.120	101010101011100	470.660	111011110110100	471.200	100111110110100	471.740	100010101101100
470.125	001010101011100	470.665	011010110110100	471.205	000111110110100	471.745	000010101101100
470.130	110010101011100	470.670	101010100110100	471.210	111011110110100	471.750	100100101101100
470.135	010010101011100	470.675	001010100110100	471.215	011011110110100	471.755	000100101101100
470.140	100010101011100	470.680	110001010110100	471.220	101011110110100	471.760	111000101101100
470.145	000010101011100	470.685	010001010110100	471.225	001011110110100	471.765	011000101101100
470.150	100100101011100	470.690	100010101011100	471.230	111011110110100	471.770	101000101101100
470.155	000100101011100	470.695	000010101011100	471.235	010011110110100	471.775	001000101101100
470.160	111000101011100	470.700	100110010101100	471.240	100011110110100	471.780	110000101101100
470.165	011000101011100	470.705	000110010101100	471.245	000011110110100	471.785	010000101101100
470.170	101000101011100	470.710	111010010101100	471.250	100101110110100	471.790	100000101101100
470.175	001000101011100	470.715	011010010101100	471.255	000101110110100	471.795	000000101101100
470.180	110000101011100	470.720	101010010101100	471.260	111001110110100	471.800	100110010110100
470.185	010000101011100	470.725	001010010101100	471.265	011001110110100	471.805	000110010110100
470.190	100000101011100	470.730	110010010101100	471.270	101001110110100	471.810	111010010110100
470.195	000000101011100	470.735	010010010101100	471.275	001001110110100	471.815	011010010110100
470.200	100111001011100	470.740	100010010101100	471.280	111001110110100	471.820	101010010110100
470.205	000111001011100	470.745	000010010101100	471.285	010001110110100	471.825	001010010110100
470.210	111011001011100	470.750	100100010101100	471.290	100001110110100	471.830	1100110010110100
470.215	011011001011100	470.755	000100010101100	471.295	000001110110100	471.835	0100110010110100
470.220	101011001011100	470.760	111000010101100	471.300	100110110110100	471.840	1000110010110100
470.225	001011001011100	470.765	011000010101100	471.305	000110110110100	471.845	0000110010110100
470.230	110011001011100	470.770	101000010101100	471.310	111010110110100	471.850	1001010010110100
470.235	010011001011100	470.775	001000010101100	471.315	011010110110100	471.855	0001010010110100
470.240	100011001011100	470.780	110000010101100	471.320	101010110110100	471.860	1110001010110100
470.245	000011001011100	470.785	010000010101100	471.325	001010110110100	471.865	0110001010110100
470.250	101010010111100	470.790	100000010101100	471.330	111010110110100	471.870	1010001010110100
470.255	001010010111100	470.795	000000010101100	471.335	010010110110100	471.875	0010001010110100
470.260	111000101011100	470.800	100111100101100	471.340	100010110110100	471.880	1100001010110100
470.265	011000101011100	470.805	000111100101100	471.345	000010110110100	471.885	0100001010110100
470.270	101000101011100	470.810	111011100101100	471.350	100100110110100	471.890	1000001010110100
470.275	001000101011100	470.815	011011100101100	471.355	000100110110100	471.895	0000001010110100
470.280	110000101011100	470.820	101011100101100	471.360	111000110110100	471.900	100100010101100
470.285	010000101011100	470.825	001011100101100	471.365	011000110110100	471.905	000100010101100
470.290	100000101011100	470.830	110011100101100	471.370	101000110110100	471.910	111010001010100
470.295	000000101011100	470.835	010011100101100	471.375	001000110110100	471.915	011010001010100
470.300	100111001011100	470.840	100011100101100	471.380	111000110110100	471.920	101010001010100
470.305	000111001011100	470.845	000011100101100	471.385	010000110110100	471.925	001010001010100
470.310	111010010111100	470.850	100101100101100	471.390	100000110110100	471.930	110010001010100
470.315	011010001011100	470.855	000101100101100	471.395	000000110110100	471.935	010010001010100
470.320	101010001011100	470.860	111001100101100	471.400	100110110110100	471.940	100010001010100
470.325	001010001011100	470.865	011001100101100	471.405	000110110110100	471.945	000010001010100
470.330	110010001011100	470.870	101001100101100	471.410	111010110110100	471.950	100100001010100
470.335	010010001011100	470.875	001001100101100	471.415	011010110110100	471.955	000100001010100
470.340	100010001011100	470.880	110001100101100	471.420	101010110110100	471.960	111000001010100
470.345	000010001011100	470.885	010001100101100	471.425	001010110110100	471.965	011000001010100
470.350	100100001011100	470.890	100001100101100	471.430	111010110110100	471.970	101000001010100
470.355	000100001011100	470.895	000001100101100	471.435	010010110110100	471.975	001000001010100
470.360	111000001011100	470.900	100101000101100	471.440	100010110110100	471.980	110000001010100
470.365	011000001011100	470.905	000101000101100	471.445	000010110110100	471.985	010000001010100
470.370	101000001011100	470.910	111010100101100	471.450	100101010110100	471.990	100000001010100
470.375	001000001011100	470.915	011010100101100	471.455	000101010110100	471.995	000000001010100
470.380	110000001011100	470.920	101010100101100	471.460	111000101010100	472.000	100111101010100
470.385	010000001011100	470.925	001010100101100	471.465	011000101010100	472.005	000111101010100
470.390	100000001011100	470.930	110010100101100	471.470	101000101010100	472.010	111011101010100
470.395	000000001011100	470.935	010010100101100	471.475	001000101010100	472.015	011011101010100
470.400	100111110011100	470.940	100010100101100	471.480	111000101010100	472.020	101011101010100
470.405	000111110011100	470.945	000010100101100	471.485	010000101010100	472.025	001011101010100
470.410	111011110011100	470.950	100100100101100	471.490	100000101010100	472.030	110011101010100
470.415	011011110011100	470.955	000100100101100	471.495	000000101010100	472.035	010011101010100
470.420	101011110011100	470.960	111000100101100	471.500	1001100101010100	472.040	100011101010100
470.425	001011110011100	470.965	011000100101100	471.505	0001100101010100	472.045	000011101010100
470.430	110011110011100	470.970	101000100101100	471.510	1110100101010100	472.050	1001000101010100
470.435	010011110011100	470.975	001000100101100	471.515	0110100101010100	472.055	0001000101010100
470.440	100011110011100	470.980	110000100101100	471.520	1010100101010100	472.060	111001101010100
470.445	000011110011100	470.985	010000100101100	471.525	0010100101010100	472.065	011001101010100
470.450	100101110011100	470.990	100000100101100	471.530	111000101010100	472.070	101001101010100
470.455	000101110011100	470.995	000000100101100	471.535	010000101010100	472.075	001001101010100
470.460	111001110011100	471.000	100110000101100	471.540	100010101010100	472.080	110001101010100
470.465							

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
472.160	111000110101100	472.700	100110000101100	473.240	100011101001100	473.780	110000110001100
472.165	011000011010110	472.705	000110000101100	473.245	000011101001100	473.785	010000110001100
472.170	101000011011100	472.710	111010000101100	473.250	101001101001100	473.790	100000110001100
472.175	001000011010110	472.715	011010000101100	473.255	000011101001100	473.795	000000110001100
472.180	110000110101100	472.720	101011000101100	473.260	111001101001100	473.800	10011010001100
472.185	010000110101100	472.725	001010000101100	473.265	011001101001100	473.805	00011010001100
472.190	000000110101100	472.730	110010000101100	473.270	101001101001100	473.810	11101010001100
472.195	000000110101100	472.735	010010000101100	473.275	001001101001100	473.815	01101010001100
472.200	100111010101100	472.740	100010000101100	473.280	110001101001100	473.820	10101110001100
472.205	000111010101100	472.745	000010000101100	473.285	010001101001100	473.825	001011010001100
472.210	110101101010110	472.750	100100000101100	473.290	100001101001100	473.830	11001010001100
472.215	010101101010110	472.755	000100000101100	473.295	000001101001100	473.835	01001010001100
472.220	101011010101010	472.760	111000000101100	473.300	100110100101100	473.840	10001010001100
472.225	001010101011100	472.765	011000000101100	473.305	000110100101100	473.845	00001010001100
472.230	110011010101100	472.770	101000000101100	473.310	111001101001100	473.850	10101010001100
472.235	000101010110110	472.775	001000000101100	473.315	011010100101100	473.855	0001010001100
472.240	100010101010110	472.780	110000000101100	473.320	101010100101100	473.860	1110010001100
472.245	000010101011100	472.785	010000000101100	473.325	001010100101100	473.865	0110010001100
472.250	100110010101100	472.790	100000000101100	473.330	110010100101100	473.870	10100010001100
472.255	000110101010110	472.795	000000000101100	473.335	010010100101100	473.875	0100010001100
472.260	111001010101100	472.800	100111110001100	473.340	100010100101100	473.880	11000010001100
472.265	010010101011100	472.805	000111110001100	473.345	000010100101100	473.885	0100010001100
472.270	101001010101100	472.810	111011110001100	473.350	100100100101100	473.890	1000010001100
472.275	001001010101100	472.815	011011110001100	473.355	000100100101100	473.895	0000010001100
472.280	110001010101100	472.820	101011110001100	473.360	111000100101100	473.900	1001100001100
472.285	010001010101100	472.825	001011110001100	473.365	011000100101100	473.905	0001100001100
472.290	100001010101100	472.830	110011110001100	473.370	101000100101100	473.910	111000010001100
472.295	000001010101100	472.835	010011110001100	473.375	001000100101100	473.915	011000010001100
472.300	100110010101010	472.840	100011110001100	473.380	110000100101100	473.920	101000010001100
472.305	000110010101100	472.845	000011110001100	473.385	010000100101100	473.925	001000010001100
472.310	111010101010110	472.850	100101110001100	473.390	100000010001100	473.930	110010010001100
472.315	011010010101100	472.855	000101110001100	473.395	000000010001100	473.935	010010010001100
472.320	101010010101100	472.860	111001110001100	473.400	100111000101100	473.940	100010010001100
472.325	001010010101100	472.865	011011110001100	473.405	000111000101100	473.945	000010010001100
472.330	110101010101100	472.870	101001010101100	473.410	111011000101100	473.950	100100010001100
472.335	010100010101100	472.875	001001010101100	473.415	011011000101100	473.955	000100010001100
472.340	100010010101100	472.880	110001010101100	473.420	101011000101100	473.960	111000010001100
472.345	000010010101100	472.885	010001010101100	473.425	001011000101100	473.965	011000010001100
472.350	100100010101100	472.890	100001010101100	473.430	110010010101100	473.970	101000010001100
472.355	000100010101100	472.895	000001010101100	473.435	010010010101100	473.975	001000010001100
472.360	110000010101100	472.900	100110110001100	473.440	100010010101100	473.980	110000010001100
472.365	011000010101100	472.905	000110110001100	473.445	000011000101100	473.985	010000010001100
472.370	101000010101100	472.910	111010110001100	473.450	100100010101100	473.990	100000010001100
472.375	001000010101100	472.915	011010110001100	473.455	000100010101100	473.995	000000010001100
472.380	110000010101100	472.920	101010110001100	473.460	111001000101100	474.000	10011100010001100
472.385	010000010101100	472.925	001010110001100	473.465	011001000101100	474.005	00011100010001100
472.390	100000010101100	472.930	110010110001100	473.470	101001000101100	474.010	11101100010001100
472.395	000000010101100	472.935	010010110001100	473.475	001001000101100	474.015	01101100010001100
472.400	100111100010110	472.940	100010110001100	473.480	110001000101100	474.020	10101100010001100
472.405	000111100010110	472.945	000010110001100	473.485	010001000101100	474.025	00101100010001100
472.410	111011100010110	472.950	100100110001100	473.490	100001000101100	474.030	11001100010001100
472.415	011011100010110	472.955	000100110001100	473.495	000001000101100	474.035	01001100010001100
472.420	101011100010110	472.960	111000110001100	473.500	100110000101100	474.040	10001100010001100
472.425	001011100010110	472.965	011000110001100	473.505	000110000101100	474.045	00001100010001100
472.430	110011100010110	472.970	101000110001100	473.510	111000010001100	474.050	100101100010001100
472.435	000111100010110	472.975	001000010001100	473.515	011000010001100	474.055	000101100010001100
472.440	100011100010110	472.980	110000010001100	473.520	101000010001100	474.060	111001100010001100
472.445	000011100010110	472.985	010000010001100	473.525	001000010001100	474.065	011001100010001100
472.450	100101100010110	472.990	100000010001100	473.530	11001000010001100	474.070	101001100010001100
472.455	000101100010110	472.995	000000011000110	473.535	01001000010001100	474.075	001001100010001100
472.460	111001100010110	473.000	100111010001100	473.540	10001000010001100	474.080	110001100010001100
472.465	011001100010110	473.005	000111010001100	473.545	00001000010001100	474.085	010001100010001100
472.470	101001100010110	473.010	111011010001100	473.550	10010000010001100	474.090	100001100010001100
472.475	001001100010110	473.015	011011010001100	473.555	00010000010001100	474.095	000001100010001100
472.480	110001100010110	473.020	101011010001100	473.560	111000010001100	474.100	100110100010001100
472.485	010001100010110	473.025	001011010001100	473.565	011000010001100	474.105	000110100010001100
472.490	100001100010110	473.030	110011010001100	473.570	101000010001100	474.110	111010100010001100
472.495	000001100010110	473.035	010011010001100	473.575	001000010001100	474.115	011010100010001100
472.500	100110100010110	473.040	100011010001100	473.580	110000010001100	474.120	101010100010001100
472.505	000110100010110	473.045	000011010001100	473.585	010000010001100	474.125	001010100010001100
472.510	111010100010110	473.050	100101010001100	473.590	100000010001100	474.130	110010100010001100
472.515	011010100010110	473.055	000101010001100	473.595	000000010001100	474.135	010010100010001100
472.520	101010100010110	473.060	111001010001100	473.600	101111100001000	474.140	100010100010001100
472.525	001010100010110	473.065	011001010001100	473.605	000111100001000	474.145	000010100010001100
472.530	110010100010110	473.070	101001010001100	473.610	111011100001000	474.150	100100100010001100
472.535	010010100010110	473.075	001001010001100	473.615	011011100001000	474.155	000100100010001100
472.540	100010100010110	473.080	110001010001100	473.620	101011100001000	474.160	111000100010001100
472.545	0000010100010110	473.085	010001010001100	473.625	001011100001000	474.165	011000100010001100
472.550	100100100010110	473.090	100001010001100	473.630	110011100001000	474.170	101000100010001100
472.555	000100100010110	473.095	000001010001100	473.635	010011100001000	474.175	001000100010001100
472.560	111000100010110	473.100	100110010001100	473.640	100011100001000	474.180	110000100010001100
472.565	011000100010110	473.105	000110010001100	473.645	000011100001000	474.185	01000100010001100
472.570	101000100010110	473.110	11100100010001100	473.650	100101100001000	474.190	100000100010001100
472.575	001000100010110	473.115	01100100010001100	473.655	000101100001000	474.195	000000100010001100
472.580	110000100010110	473.120	10100100010001100	473.660	111001100001000	474.200	100111000010001100
472.585	010000100010110	473.125	00100100010001100	473.665	011001100001000	474.205	000111000010001100
472.590	100000100010110	473.130	1100100100010001100	473.670	101001100001000	474.210	111010000010001100
472.595	0000000100010110	473.135	01000100010001100	473.675	001001100001000	474.215	011010000010001100
472.600	100111000010110	473.140	1000100100010001100	473.680	110001100001000	474.220	101010000010001100
472.605	000111000010110	473.145	0000100100010001100	473.685	010001100001000	474.225	001010000010001100
472.610	111011000010110	473.150	1001000100010001100	473.690	100001100001000	474.230	110010000010001100
472.615	011011000010110	473.155	0001000100010001100	473.695	000001100001000	474.235	010010000010001100
472.620	1010110						

474.320 to 476.475

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
474.320	101010000001100	474.860	111001101110100	475.400	100111010110100	475.940	100010000110100
474.325	001010000001100	474.865	011001101110100	475.405	000111010110100	475.945	000010000110100
474.330	110101000001100	474.870	101001101110100	475.410	111010101010100	475.950	100100000110100
474.335	010001000001100	474.875	001001101110100	475.415	011010101010100	475.955	000100000110100
474.340	100010000001100	474.880	110001101110100	475.420	101010101010100	475.960	111000000110100
474.345	000010000001100	474.885	010001101110100	475.425	001010101010100	475.965	011000000110100
474.350	100100000001100	474.890	000010101010100	475.430	110010101010100	475.970	101000000110100
474.355	000100000001100	474.895	000010101010100	475.435	010010101010100	475.975	001000000110100
474.360	111000000001100	474.900	100110101010100	475.440	100010101010100	475.980	110000000110100
474.365	011000000001100	474.905	000110101010100	475.445	000010101010100	475.985	010000000110100
474.370	101000000001100	474.910	111010101010100	475.450	1001010101010100	475.990	100000000110100
474.375	001000000001100	474.915	011010101010100	475.455	0001010101010100	475.995	000000000110100
474.380	110000000001100	474.920	101010101010100	475.460	1110010101010100	476.000	100111101010100
474.385	010000000001100	474.925	001010101010100	475.465	0110010101010100	476.005	000111101010100
474.390	100000000001100	474.930	110010101010100	475.470	1010010101010100	476.010	111011101010100
474.395	000000000001100	474.935	010010101010100	475.475	0010010101010100	476.015	011011101010100
474.400	100111111110100	474.940	100010101010100	475.480	1100010101010100	476.020	101011101010100
474.405	000111111110100	474.945	000010101010100	475.485	0100010101010100	476.025	001011101010100
474.410	110111111110100	474.950	100100101010100	475.490	1000010101010100	476.030	110011101010100
474.415	011011111110100	474.955	000100101010100	475.495	0000010101010100	476.035	010011101010100
474.420	101011111110100	474.960	1110000101010100	475.500	1001100101010100	476.040	100011101010100
474.425	001011111110100	474.965	0110000101010100	475.505	0001100101010100	476.045	000011101010100
474.430	110011111110100	474.970	1010000101010100	475.510	1110000101010100	476.050	100101101010100
474.435	010011111110100	474.975	0010000101010100	475.515	0110000101010100	476.055	000101101010100
474.440	100011111110100	474.980	1100000101010100	475.520	1010000101010100	476.060	111001101010100
474.445	000011111110100	474.985	0100000101010100	475.525	0010000101010100	476.065	011001101010100
474.450	100101111110100	474.990	1000000101010100	475.530	1100000101010100	476.070	101001101010100
474.455	000101111110100	474.995	0000000101010100	475.535	0100000101010100	476.075	001001101010100
474.460	111001111110100	475.000	1001100101010100	475.540	1000000101010100	476.080	110001101010100
474.465	011001111110100	475.005	0001100101010100	475.545	0000000101010100	476.085	010001101010100
474.470	101001111110100	475.010	1110100101010100	475.550	1001000101010100	476.090	100001101010100
474.475	001001111110100	475.015	0110100101010100	475.555	0001000101010100	476.095	000001101010100
474.480	110001111110100	475.020	1010100101010100	475.560	1110000101010100	476.100	100101101010100
474.485	010001111110100	475.025	0010100101010100	475.565	0110000101010100	476.105	000101101010100
474.490	100001111110100	475.030	1100100101010100	475.570	1010000101010100	476.110	111001101010100
474.495	000001111110100	475.035	0100100101010100	475.575	0010000101010100	476.115	011001101010100
474.500	100101011110100	475.040	1000100101010100	475.580	1100000101010100	476.120	1010010101010100
474.505	000101011110100	475.045	0000100101010100	475.585	0100000101010100	476.125	0010010101010100
474.510	111010111110100	475.050	1001000101010100	475.590	1000000101010100	476.130	110010101010100
474.515	011010111110100	475.055	0001000101010100	475.595	0000000101010100	476.135	010010101010100
474.520	101010111110100	475.060	11101100101010100	475.600	10011100101010100	476.140	100010101010100
474.525	001010111110100	475.065	0110100101010100	475.605	00011100101010100	476.145	000010101010100
474.530	110010111110100	475.070	1010100101010100	475.610	11101100101010100	476.150	100100101010100
474.535	010010111110100	475.075	0010100101010100	475.615	01101100101010100	476.155	000100101010100
474.540	100010111110100	475.080	1100100101010100	475.620	10101100101010100	476.160	111000101010100
474.545	000010111110100	475.085	01000100101010100	475.625	00101100101010100	476.165	011000101010100
474.550	100100111110100	475.090	10000100101010100	475.630	11001100101010100	476.170	101000101010100
474.555	000100111110100	475.095	00000100101010100	475.635	01001100101010100	476.175	001000101010100
474.560	111000111110100	475.100	10011000101010100	475.640	10001100101010100	476.180	110000101010100
474.565	011000111110100	475.105	00011000101010100	475.645	00001100101010100	476.185	010000101010100
474.570	101000111110100	475.110	1110000101010100	475.650	10010100101010100	476.190	100000101010100
474.575	001000111110100	475.115	0110000101010100	475.655	00010100101010100	476.195	000000101010100
474.580	110000111110100	475.120	1010000101010100	475.660	1110000101010100	476.200	100110101010100
474.585	010000111110100	475.125	0010000101010100	475.665	0110000101010100	476.205	000110101010100
474.590	100000111110100	475.130	11001000101010100	475.670	10100100101010100	476.210	111010101010100
474.595	000000111110100	475.135	01001000101010100	475.675	001000010001010100	476.215	011010101010100
474.600	100111011010100	475.140	10001000101010100	475.680	11000100101010100	476.220	1010010101010100
474.605	000111011010100	475.145	00001000101010100	475.685	01000100101010100	476.225	0010010101010100
474.610	111011011010100	475.150	10010000101010100	475.690	10000100101010100	476.230	110010101010100
474.615	011011011010100	475.155	00010000101010100	475.695	00000100101010100	476.235	010010101010100
474.620	101011011010100	475.160	11100000101010100	475.700	10010100101010100	476.240	100010101010100
474.625	001011011010100	475.165	01100000101010100	475.705	00010100101010100	476.245	000010101010100
474.630	110011011010100	475.170	10100000101010100	475.710	11100100101010100	476.250	100100101010100
474.635	010011011010100	475.175	00100000101010100	475.715	01100100101010100	476.255	000100101010100
474.640	100011011010100	475.180	11000000101010100	475.720	10100100101010100	476.260	111000101010100
474.645	000011011010100	475.185	01000000101010100	475.725	00100100101010100	476.265	011000101010100
474.650	100101011010100	475.190	10000000101010100	475.730	11000100101010100	476.270	1010010101010100
474.655	000101011010100	475.195	00000000101010100	475.735	01000100101010100	476.275	001000101010100
474.660	1110001011010100	475.200	10011110101010100	475.740	1000100101010100	476.280	110000101010100
474.665	0110001011010100	475.205	00011110101010100	475.745	0000100101010100	476.285	010000101010100
474.670	1010001011010100	475.210	11101110101010100	475.750	1001000101010100	476.290	100000101010100
474.675	0010001011010100	475.215	01101110101010100	475.755	0001000101010100	476.295	000000101010100
474.680	1100001011010100	475.220	10101110101010100	475.760	1110000101010100	476.300	1001000101010100
474.685	0100001011010100	475.225	00101110101010100	475.765	0110000101010100	476.305	0001000101010100
474.690	1000001011010100	475.230	11001110101010100	475.770	1010000101010100	476.310	1110000101010100
474.695	0000001011010100	475.235	01001110101010100	475.775	0010000101010100	476.315	0110000101010100
474.700	100110011010100	475.240	10001110101010100	475.780	1100000101010100	476.320	1010000101010100
474.705	000110011010100	475.245	00001110101010100	475.785	0100000101010100	476.325	0010000101010100
474.710	111001011010100	475.250	10010101101010100	475.790	1000000101010100	476.330	1100000101010100
474.715	011001011010100	475.255	00010101101010100	475.795	0000000101010100	476.335	0100000101010100
474.720	101001011010100	475.260	11100101101010100	475.800	1001100001010100	476.340	1000100001010100
474.725	001001011010100	475.265	01100101101010100	475.805	0001100001010100	476.345	0000100001010100
474.730	110001011010100	475.270	10100101101010100	475.810	1110010001010100	476.350	1001000001010100
474.735	010001011010100	475.275	00100101101010100	475.815	0110010001010100	476.355	0001000001010100
474.740	100001011010100	475.280	11000101101010100	475.820	1001000101010100	476.360	1110000101010100
474.745	000001011010100	475.285	01000101101010100	475.825	0010010001010100	476.365	0110000101010100
474.750	100100011010100	475.290	10000101101010100	475.830	1100010001010100	476.370	1010000101010100
474.755	000100011010100	475.295	00000101101010100	475.835	0100010001010100	476.375	0010000101010100
474.760	1110000011010100	475.300	10011000101010100	475.840	1000010001010100	476.380	1100000101010100
474.765	0110000011010100	475.305	00011000101010100	475.845	0000010001010100	476.385	0100000101010100
474.770	1010000011010100	475.310	11100100101010100	475.850	1001000001010100	476.390	1000000101010100
474.775	0010000011010100	475.315</					

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
476.480	110001101010100	477.020	101011010010100	477.560	1110000000010100	478.100	100110101100100
476.485	010001101010100	477.025	091011010010100	477.565	0110000000010100	478.105	000110101100100
476.490	100001101010100	477.030	110011010010100	477.570	1010000000010100	478.110	111010101100100
476.495	000001101010100	477.035	010011010010100	477.575	0010000000010100	478.115	011010101100100
476.500	100110101010100	477.040	100011010010100	477.580	1100000000010100	478.120	101010101100100
476.505	000110101010100	477.045	000011010010100	477.585	0100000000010100	478.125	001010101100100
476.510	111010101010100	477.050	100101010010100	477.590	1000000000010100	478.130	110010101100100
476.515	011010101010100	477.055	000101010010100	477.595	0000000000010100	478.135	010010101100100
476.520	101010101010100	477.060	111010101010100	477.600	1001111110010100	478.140	100010101100100
476.525	001010101010100	477.065	011010101010100	477.605	0001111110010100	478.145	000010101100100
476.530	110010101010100	477.070	101010101010100	477.610	1110111110010100	478.150	100100101100100
476.535	010010101010100	477.075	001010101010100	477.615	0110111110010100	478.155	000100101100100
476.540	100010101010100	477.080	110010101010100	477.620	1010111110010100	478.160	111000101100100
476.545	000010101010100	477.085	010010101010100	477.625	0010111110010100	478.165	011000101100100
476.550	100100101010100	477.090	100001010010100	477.630	1100111110010100	478.170	101000101100100
476.555	000100101010100	477.095	000001010010100	477.635	0100111110010100	478.175	001000101100100
476.560	111000101010100	477.100	100110010010100	477.640	1000111110010100	478.180	110000101100100
476.565	011000101010100	477.105	000110010010100	477.645	0000111110010100	478.185	010000101100100
476.570	101000101010100	477.110	111000101010100	477.650	1001011110010100	478.190	100000101100100
476.575	001000101010100	477.115	011000101010100	477.655	0001011110010100	478.195	000000101100100
476.580	110000101010100	477.120	101000101010100	477.660	1110011110010100	478.200	1001100101100100
476.585	010000101010100	477.125	001000101010100	477.665	0110011110010100	478.205	0001100101100100
476.590	100000101010100	477.130	110000101010100	477.670	1010011110010100	478.210	1110100101100100
476.595	000000101010100	477.135	010000101010100	477.675	0010011110010100	478.215	0110100101100100
476.600	1001100101010100	477.140	1000100101010100	477.680	1100011110010100	478.220	1010100101100100
476.605	0001100101010100	477.145	0000100101010100	477.685	0100011110010100	478.225	0010100101100100
476.610	1110100101010100	477.150	1001000101010100	477.690	1000011110010100	478.230	1100100101100100
476.615	0110100101010100	477.155	0001000101010100	477.695	0000011110010100	478.235	0100100101100100
476.620	1010100101010100	477.160	1110000101010100	477.700	1001011010010100	478.240	1000100101100100
476.625	0010100101010100	477.165	0110000101010100	477.705	0001011010010100	478.245	0000100101100100
476.630	1100100101010100	477.170	1010000101010100	477.710	1110101110010100	478.250	1001010101100100
476.635	0100100101010100	477.175	0010000101010100	477.715	0110101110010100	478.255	0000100101100100
476.640	1000100101010100	477.180	1100000101010100	477.720	1010101110010100	478.260	1110010101100100
476.645	0000100101010100	477.185	0100000101010100	477.725	0010101110010100	478.265	0110010101100100
476.650	1001010101010100	477.190	1000000101010100	477.730	1100101110010100	478.270	1010010101100100
476.655	0001010101010100	477.195	0000000101010100	477.735	0100101110010100	478.275	0010010101100100
476.660	1110010101010100	477.200	1001110001010100	477.740	1000101110010100	478.280	1100010101100100
476.665	0110010101010100	477.205	0001110001010100	477.745	0000101110010100	478.285	0100010101100100
476.670	1010010101010100	477.210	1110110001010100	477.750	1001001110010100	478.290	1000010101100100
476.675	0010010101010100	477.215	0110110001010100	477.755	0001001110010100	478.295	0000010101100100
476.680	1100010101010100	477.220	1010110001010100	477.760	1110001110010100	478.300	1001000101100100
476.685	0100010101010100	477.225	0010110001010100	477.765	0110001110010100	478.305	0001000101100100
476.690	1000010101010100	477.230	1100110001010100	477.770	1010001110010100	478.310	1110000101100100
476.695	0000010101010100	477.235	0100110001010100	477.775	0010001110010100	478.315	0110000101100100
476.700	10011000101010100	477.240	1000110001010100	477.780	1100001110010100	478.320	1010000101100100
476.705	00011000101010100	477.245	0000110001010100	477.785	0100001110010100	478.325	0010000101100100
476.710	11101000101010100	477.250	1001010001010100	477.790	1000001110010100	478.330	11001000101100100
476.715	01101000101010100	477.255	0001010001010100	477.795	0000001110010100	478.335	01001000101100100
476.720	10101000101010100	477.260	1110010001010100	477.800	1001101110010100	478.340	10001000101100100
476.725	00101000101010100	477.265	0110010001010100	477.805	0001101110010100	478.345	00001000101100100
476.730	11001000101010100	477.270	1010010001010100	477.810	1110010110010100	478.350	10010000101100100
476.735	01001000101010100	477.275	0010010001010100	477.815	0110010110010100	478.355	00010000101100100
476.740	10001000101010100	477.280	1100010001010100	477.820	1010101110010100	478.360	11100000101100100
476.745	00001000101010100	477.285	0100010001010100	477.825	0010101110010100	478.365	01100000101100100
476.750	10010000101010100	477.290	10000010001010100	477.830	1110010110010100	478.370	10100000101100100
476.755	00010000101010100	477.295	00000010001010100	477.835	0100101110010100	478.375	00100000101100100
476.760	11100000101010100	477.300	10011000101010100	477.840	1000101110010100	478.380	11000000101100100
476.765	01100000101010100	477.305	00011000101010100	477.845	0000101110010100	478.385	01000000101100100
476.770	10100000101010100	477.310	11101000101010100	477.850	1001010110010100	478.390	10000000101100100
476.775	00100000101010100	477.315	01101000101010100	477.855	0001010110010100	478.395	00000000101100100
476.780	11000000101010100	477.320	10101000101010100	477.860	1110010110010100	478.400	100111101010100
476.785	01000000101010100	477.325	00101000101010100	477.865	0110010110010100	478.405	000111101010100
476.790	10000000101010100	477.330	11001000101010100	477.870	1010010110010100	478.410	111011101010100
476.795	00000000101010100	477.335	01001000101010100	477.875	0010010110010100	478.415	011011101010100
476.800	10011110101010100	477.340	10000100001010100	477.880	1100001010010100	478.420	101011101010100
476.805	00011110101010100	477.345	00000100001010100	477.885	0100010110010100	478.425	001011101010100
476.810	11101110101010100	477.350	10010001000010100	477.890	1000010110010100	478.430	110011101010100
476.815	01101110101010100	477.355	00010001000010100	477.895	0000010110010100	478.435	010011101010100
476.820	10101110101010100	477.360	11100001000010100	477.900	1001100110010100	478.440	100011101010100
476.825	00101110101010100	477.365	01100001000010100	477.905	0001100110010100	478.445	000011101010100
476.830	11001110101010100	477.370	10100001000010100	477.910	1110000110010100	478.450	100010111010100
476.835	01001110101010100	477.375	00100001000010100	477.915	0110000110010100	478.455	000101101010100
476.840	10001110101010100	477.380	11000001000010100	477.920	1010000110010100	478.460	111001101010100
476.845	00001110101010100	477.385	01000001000010100	477.925	0010000110010100	478.465	011001101010100
476.850	10010110101010100	477.390	10000001000010100	477.930	1110000110010100	478.470	101001101010100
476.855	00010110101010100	477.395	00000001000010100	477.935	0100000110010100	478.475	001001101010100
476.860	11100110101010100	477.400	10011000001000100	477.940	1000000110010100	478.480	110001101010100
476.865	01100110101010100	477.405	00011000001000100	477.945	0000000110010100	478.485	010001101010100
476.870	10100110101010100	477.410	11101000001000100	477.950	1001000110010100	478.490	100001101010100
476.875	00100110101010100	477.415	01101000001000100	477.955	0001000110010100	478.495	000001101010100
476.880	11000110101010100	477.420	10101000001000100	477.960	1110000110010100	478.500	100101011010100
476.885	01000110101010100	477.425	00101000001000100	477.965	0110000110010100	478.505	000101011010100
476.890	10000110101010100	477.430	11001000001000100	477.970	1010000110010100	478.510	111010101010100
476.895	00000110101010100	477.435	01001000001000100	477.975	0010000110010100	478.515	011010101010100
476.900	100101010101010100	477.440	10001000001000100	477.980	1100000110010100	478.520	101010101010100
476.905	000101010101010100	477.445	00001000001000100	477.985	0100000110010100	478.525	001010101010100
476.910	11101010101010100	477.450	10010100001000100	477.990	1000000110010100	478.530	110010101010100
476.915	01101010101010100	477.455	00010100001000100	477.995	0000000110010100	478.535	001010101010100
476.920	10101010101010100	477.460	11100100001000100	478.000	1001110101010100	478.540	100010101010100
476.925	00101010101010100	477.465					

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
478.640	100011010100100	479.180	110000000100100	479.720	101010101000100	480.260	111001010000100
478.645	000010101001000	479.185	010000000100100	479.725	001010101000100	480.265	011001010000100
478.650	100101010100100	479.190	100000000100100	479.730	110010101000100	480.270	101001010000100
478.655	000101010100100	479.195	000000000100100	479.735	010010101000100	480.275	001001010000100
478.660	111001010100100	479.200	100111111000100	479.740	100010101000100	480.280	110001010000100
478.665	011001010100100	479.205	000111111000100	479.745	000010101000100	480.285	010001010000100
478.670	101001010100100	479.210	111011111000100	479.750	100100101000100	480.290	100001010000100
478.675	001001010100100	479.215	011011111000100	479.755	000100101000100	480.295	000001010000100
478.680	110001010100100	479.220	101011111000100	479.760	111000101000100	480.300	100110101000100
478.685	010001010100100	479.225	001011111000100	479.765	011000101000100	480.305	000110010000100
478.690	100001010100100	479.230	110011111000100	479.770	101000101000100	480.310	111010010000100
478.695	000001010100100	479.235	010011111000100	479.775	001000101000100	480.315	011010010000100
478.700	100110010100100	479.240	100011111000100	479.780	110000101000100	480.320	101010010000100
478.705	000110010100100	479.245	000011111000100	479.785	010000101000100	480.325	001010010000100
478.710	111010010100100	479.250	100101111000100	479.790	100000101000100	480.330	110010010000100
478.715	011010010100100	479.255	000101111000100	479.795	000000101000100	480.335	010010010000100
478.720	101010010100100	479.260	111001111000100	479.800	100111001000100	480.340	100011001000100
478.725	001010010100100	479.265	011001111000100	479.805	000111001000100	480.345	000011001000100
478.730	110010010100100	479.270	101011111000100	479.810	111011001000100	480.350	100100101000100
478.735	010010010100100	479.275	001011111000100	479.815	011011001000100	480.355	000100010000100
478.740	100010010100100	479.280	110011111000100	479.820	101011001000100	480.360	111000010000100
478.745	000010010100100	479.285	010001111000100	479.825	001011001000100	480.365	011000010000100
478.750	100100010100100	479.290	100011111000100	479.830	101011001000100	480.370	101000010000100
478.755	000100010100100	479.295	000001111000100	479.835	010011001000100	480.375	001000010000100
478.760	111000010100100	479.300	100110111000100	479.840	100011001000100	480.380	110000010000100
478.765	011000010100100	479.305	000110111000100	479.845	000011001000100	480.385	010000100000100
478.770	101000010100100	479.310	111010111000100	479.850	100100101000100	480.390	100000010000100
478.775	001000010100100	479.315	011010111000100	479.855	000100101000100	480.395	000000010000100
478.780	110000010100100	479.320	101010111000100	479.860	111000101000100	480.400	100111100000100
478.785	010000010100100	479.325	001010111000100	479.865	011000101000100	480.405	000111100000100
478.790	100000010100100	479.330	110010111000100	479.870	101010010000100	480.410	111011000000100
478.795	000000010100100	479.335	010010111000100	479.875	001001000000100	480.415	011011000000100
478.800	100111100100100	479.340	100010111000100	479.880	110001000000100	480.420	101011000000100
478.805	000111100100100	479.345	000010111000100	479.885	010001000000100	480.425	001011000000100
478.810	111011100100100	479.350	100100111000100	479.890	100010010000100	480.430	110011000000100
478.815	011011100100100	479.355	000100111000100	479.895	000010010000100	480.435	010011000000100
478.820	101011100100100	479.360	111000111000100	479.900	100110001000100	480.440	100011000000100
478.825	001011100100100	479.365	011000111000100	479.905	000110001000100	480.445	000011000000100
478.830	110011100100100	479.370	101000111000100	479.910	111010001000100	480.450	100101100000100
478.835	010011100100100	479.375	001000111000100	479.915	011010001000100	480.455	000101100000100
478.840	100011100100100	479.380	110000111000100	479.920	101010001000100	480.460	111001100000100
478.845	000011100100100	479.385	010000111000100	479.925	001010001000100	480.465	011001100000100
478.850	100101100100100	479.390	100000111000100	479.930	110010001000100	480.470	101001100000100
478.855	000101100100100	479.395	000000111000100	479.935	010010001000100	480.475	001001100000100
478.860	111001100100100	479.400	100110110000100	479.940	100010001000100	480.480	110001100000100
478.865	011001100100100	479.405	000110110000100	479.945	000010001000100	480.485	010001100000100
478.870	101001100100100	479.410	111010110000100	479.950	100100001000100	480.490	100001100000100
478.875	001001100100100	479.415	011010110000100	479.955	000100001000100	480.495	000001100000100
478.880	110001100100100	479.420	101010110000100	479.960	111000001000100	480.500	100101000000100
478.885	010001100100100	479.425	001010110000100	479.965	011000001000100	480.505	000101000000100
478.890	100001100100100	479.430	110010110000100	479.970	101000001000100	480.510	111010000000100
478.895	000001100100100	479.435	010010110000100	479.975	001000001000100	480.515	011010000000100
478.900	100110100100100	479.440	100010110000100	479.980	110000001000100	480.520	101010000000100
478.905	000110100100100	479.445	000010110000100	479.985	010000001000100	480.525	001010100000100
478.910	111010100100100	479.450	100101010000100	479.990	100000001000100	480.530	110010100000100
478.915	011010100100100	479.455	000101010000100	479.995	000000001000100	480.535	010010100000100
478.920	101010100100100	479.460	111001010000100	480.000	100111100000100	480.540	100010100000100
478.925	001010100100100	479.465	011001010000100	480.005	000111100000100	480.545	000011000000100
478.930	110010100100100	479.470	101001010000100	480.010	111011100000100	480.550	100100100000100
478.935	010010100100100	479.475	001001010000100	480.015	011011100000100	480.555	000100100000100
478.940	100010100100100	479.480	110010110000100	480.020	101011100000100	480.560	111001000000100
478.945	000010100100100	479.485	010001010000100	480.025	001011100000100	480.565	011000100000100
478.950	100100100100100	479.490	100001010000100	480.030	110011100000100	480.570	101000100000100
478.955	000100100100100	479.495	000001010000100	480.035	010011100000100	480.575	001000100000100
478.960	111000100100100	479.500	100110010000100	480.040	100011100000100	480.580	110000100000100
478.965	011000100100100	479.505	000110010000100	480.045	000011100000100	480.585	010000100000100
478.970	101000100100100	479.510	111001010000100	480.050	100101100000100	480.590	100000100000100
478.975	001000100100100	479.515	011001010000100	480.055	000101100000100	480.595	000000100000100
478.980	110000100100100	479.520	101001010000100	480.060	111001100000100	480.600	100111000000100
478.985	010000100100100	479.525	001001010000100	480.065	011001100000100	480.605	000111000000100
478.990	100000100100100	479.530	110010110000100	480.070	101001100000100	480.610	111011000000100
478.995	000000100100100	479.535	010010110000100	480.075	001001100000100	480.615	011011000000100
479.000	100111000100100	479.540	100010110000100	480.080	110001100000100	480.620	101011000000100
479.005	000111000100100	479.545	000010110000100	480.085	010001100000100	480.625	001011000000100
479.010	111011000100100	479.550	100100011000100	480.090	100001100000100	480.630	110011000000100
479.015	011011000100100	479.555	000100011000100	480.095	000001100000100	480.635	010011000000100
479.020	101011000100100	479.560	111000011000100	480.100	100110100000100	480.640	100011000000100
479.025	001011000100100	479.565	011000011000100	480.105	000110100000100	480.645	000011000000100
479.030	110011000100100	479.570	101000011000100	480.110	111010100000100	480.650	100101000000100
479.035	001011000100100	479.575	001000011000100	480.115	011010100000100	480.655	000101000000100
479.040	100011000100100	479.580	110000011000100	480.120	101010100000100	480.660	111001000000100
479.045	000011000100100	479.585	010000011000100	480.125	001010100000100	480.665	011001000000100
479.050	100101000100100	479.590	100000011000100	480.130	110010100000100	480.670	101001000000100
479.055	000101000100100	479.595	000000011000100	480.135	010010100000100	480.675	001001000000100
479.060	111001000100100	479.600	100111100000100	480.140	100001100000100	480.680	110001000000100
479.065	011001000100100	479.605	000111100000100	480.145	000011100000100	480.685	010001000000100
479.070	101001000100100	479.610	111011100000100	480.150	100100110000100	480.690	100001000000100
479.075	001001000100100	479.615	011011100000100	480.155	000100110000100	480.695	000001000000100
479.080	110001000100100	479.620	101011100000100	480.160	111000110000100	480.700	100110000000100
479.085	010001000100100	479.625	001011100000100	480.165	011000110000100	480.705	000110000000100
479.090	100001000100100	479.630	110011100000100	480.170	101000110000100	480.710	111010000000100
479.095	000000100100100	479.635	010011100000100	480.175	001000110000100	480.715	011010000000100
479.100	100110000100100	479.640	100011100000100	480.180	110000110000100	480.720	101010000000100
479.105	000110000100100	47					

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
480.800	100111111111000	481.340	1000101011111000	481.880	1100010101111000	482.420	1010111110111000
480.805	0001111111111000	481.345	0000101011111000	481.885	0100010101111000	482.425	0010111110111000
480.810	1101111111111000	481.350	1001001011111000	481.890	1000010101111000	482.430	1100111110111000
480.815	0101111111111000	481.355	0001001011111000	481.895	0000010101111000	482.435	0100111110111000
480.820	1010111111111000	481.360	1110001011111000	481.900	1001100101111000	482.440	1000111110111000
480.825	0010111111111000	481.365	0110001011111000	481.905	0001100101111000	482.445	0000111110111000
480.830	1100111111111000	481.370	1010001011111000	481.910	1110100101111000	482.450	1001011110111000
480.835	0100111111111000	481.375	0010001011111000	481.915	0110100101111000	482.455	0001011110111000
480.840	1000111111111000	481.380	1100001011111000	481.920	1010100101111000	482.460	1110011110111000
480.845	0000111111111000	481.385	0100001011111000	481.925	0010100101111000	482.465	0110011110111000
480.850	1001011111111000	481.390	1000001011111000	481.930	1100100101111000	482.470	1010011110111000
480.855	0001011111111000	481.395	0000001011111000	481.935	0100100101111000	482.475	0100101110111000
480.860	1110011111111000	481.400	1001100111111000	481.940	1000100101111000	482.480	1110001110111000
480.865	0110011111111000	481.405	0001100111111000	481.945	0000100101111000	482.485	0100011110111000
480.870	1010011111111000	481.410	1110100111111000	481.950	1001000101111000	482.490	1000011110111000
480.875	0010011111111000	481.415	0110100111111000	481.955	0001000101111000	482.495	0000011110111000
480.880	1100011111111000	481.420	1010100111111000	481.960	1110000101111000	482.500	1001101110111000
480.885	0100011111111000	481.425	0010100111111000	481.965	0110000101111000	482.505	0001101110111000
480.890	1000011111111000	481.430	1100100111111000	481.970	1010000101111000	482.510	1110101110111000
480.895	0000011111111000	481.435	0100100111111000	481.975	0010000101111000	482.515	0110101110111000
480.900	1001101111111000	481.440	1000110011111000	481.980	1100000101111000	482.520	1010101110111000
480.905	0001101111111000	481.445	0000110011111000	481.985	0100000101111000	482.525	0010101110111000
480.910	1110101111111000	481.450	1001100111111000	481.990	1000000101111000	482.530	1100101110111000
480.915	0110101111111000	481.455	0001100111111000	481.995	0000000101111000	482.535	0100101110111000
480.920	1010101111111000	481.460	1110010011111000	482.000	1001111001111000	482.540	10000101111011000
480.925	0010101111111000	481.465	0110100111111000	482.005	0001111001111000	482.545	00001011111011000
480.930	1100101111111000	481.470	1010010011111000	482.010	1110111001111000	482.550	10010011111011000
480.935	0100101111111000	481.475	0010100111111000	482.015	0110111001111000	482.555	00010011111011000
480.940	1000101111111000	481.480	1100010011111000	482.020	1010111001111000	482.560	11100011111011000
480.945	0000101111111000	481.485	0100010011111000	482.025	0010111001111000	482.565	01100011111011000
480.950	1001001111111000	481.490	1000001001111000	482.030	1100111001111000	482.570	10100011111011000
480.955	0001001111111000	481.495	0000001001111000	482.035	0100111001111000	482.575	00100011111011000
480.960	1110001111111000	481.500	1001100011111000	482.040	1000111001111000	482.580	11100001111011000
480.965	0110001111111000	481.505	0001100011111000	482.045	0000111001111000	482.585	01000011111011000
480.970	1010001111111000	481.510	1110100011111000	482.050	1001011001111000	482.590	10000011111011000
480.975	0010001111111000	481.515	0110100011111000	482.055	0001011001111000	482.595	00000011111011000
480.980	1100001111111000	481.520	1010100011111000	482.060	1110011001111000	482.600	10011101111011000
480.985	0100001111111000	481.525	0010100011111000	482.065	0110011001111000	482.605	00011101111011000
480.990	1000001111111000	481.530	1100100011111000	482.070	1010011001111000	482.610	11101101111011000
480.995	0000001111111000	481.535	0100100011111000	482.075	0010011001111000	482.615	01101101111011000
481.000	1001110111111000	481.540	1000100011111000	482.080	1100011001111000	482.620	10101101111011000
481.005	0001110111111000	481.545	0000100011111000	482.085	0100011001111000	482.625	00101101111011000
481.010	1110110111111000	481.550	1001000011111000	482.090	1000011001111000	482.630	11001101111011000
481.015	0110110111111000	481.555	0001000011111000	482.095	0000011001111000	482.635	01001101111011000
481.020	1010110111111000	481.560	1110000011111000	482.100	1001101001111000	482.640	10001101111011000
481.025	0010110111111000	481.565	0110000011111000	482.105	0001101001111000	482.645	00001101111011000
481.030	1100110111111000	481.570	1010000011111000	482.110	1110101001111000	482.650	10010111111011000
481.035	0100110111111000	481.575	0010000011111000	482.115	0110101001111000	482.655	00010111111011000
481.040	1000110111111000	481.580	1100000011111000	482.120	1010101001111000	482.660	11100111111011000
481.045	0000110111111000	481.585	0100000011111000	482.125	0010101001111000	482.665	01100111111011000
481.050	1001001111111000	481.590	1000000011111000	482.130	1100101001111000	482.670	10100111111011000
481.055	0001001111111000	481.595	0000000011111000	482.135	0100101001111000	482.675	00100111111011000
481.060	1110010011111000	481.600	1001111011111000	482.140	1000101001111000	482.680	11000111111011000
481.065	0110010011111000	481.605	0001111011111000	482.145	0000101001111000	482.685	01000111111011000
481.070	1010010011111000	481.610	1110111011111000	482.150	1001001001111000	482.690	10000111111011000
481.075	0010010011111000	481.615	0110111011111000	482.155	0001001001111000	482.695	00000111111011000
481.080	1100010011111000	481.620	1010111011111000	482.160	1110001001111000	482.700	10011000111011000
481.085	0100010011111000	481.625	0010111011111000	482.165	0110001001111000	482.705	00011000111011000
481.090	1000010011111000	481.630	1100111011111000	482.170	1010001001111000	482.710	11101000111011000
481.095	0000010011111000	481.635	0100111011111000	482.175	0010001001111000	482.715	01101000111011000
481.100	1001100111111000	481.640	1000111011111000	482.180	1100001001111000	482.720	10101000111011000
481.105	0001100111111000	481.645	0000111011111000	482.185	0100001001111000	482.725	00101000111011000
481.110	1110100111111000	481.650	1001011011111000	482.190	1000001001111000	482.730	11001000111011000
481.115	0110100111111000	481.655	0001011011111000	482.195	0000001001111000	482.735	01001000111011000
481.120	1010100111111000	481.660	1110011011111000	482.200	1001110001111000	482.740	10000100111011000
481.125	0010100111111000	481.665	0110011011111000	482.205	0001110001111000	482.745	00000100111011000
481.130	1100100111111000	481.670	1010011011111000	482.210	1110110001111000	482.750	10010000111011000
481.135	0100100111111000	481.675	0010011011111000	482.215	0110110001111000	482.755	00010000111011000
481.140	1000100111111000	481.680	1100011011111000	482.220	1010110001111000	482.760	11100000111011000
481.145	0000100111111000	481.685	0100011011111000	482.225	0010110001111000	482.765	01100000111011000
481.150	1001000111111000	481.690	1000011011111000	482.230	1100110001111000	482.770	10100000111011000
481.155	0001000111111000	481.695	0000011011111000	482.235	0100110001111000	482.775	00100000111011000
481.160	1110000111111000	481.700	1001110011111000	482.240	1000110001111000	482.780	11000000111011000
481.165	0110000111111000	481.705	0001110011111000	482.245	0000110001111000	482.785	01000000111011000
481.170	1010000111111000	481.710	1110110011111000	482.250	1001010001111000	482.790	10000000111011000
481.175	0010000111111000	481.715	0110110011111000	482.255	0001010001111000	482.795	00000000111011000
481.180	1100000111111000	481.720	1010110011111000	482.260	1110010001111000	482.800	10011110111011000
481.185	0100000111111000	481.725	0010110011111000	482.265	0110010001111000	482.805	00011110111011000
481.190	1000000111111000	481.730	1100110011111000	482.270	1010010001111000	482.810	11101110111011000
481.195	0000000111111000	481.735	0100110011111000	482.275	0010010001111000	482.815	01101110111011000
481.200	1001111011111000	481.740	1000110011111000	482.280	1100010001111000	482.820	10101110111011000
481.205	0001111011111000	481.745	0000110011111000	482.285	0100010001111000	482.825	00101110111011000
481.210	1110111011111000	481.750	1001001111111000	482.290	1000010001111000	482.830	11001110111011000
481.215	0110111011111000	481.755	0001001111111000	482.295	0000010001111000	482.835	01001110111011000
481.220	1010111011111000	481.760	1110001111111000	482.300	1001100001111000	482.840	10001110111011000
481.225	0010111011111000	481.765	0110001111111000	482.305	0001100001111000	482.845	00001110111011000
481.230	1100111011111000	481.770	1010001111111000	482.310	1110100001111000	482.850	10010110111011000
481.235	0100111011111000	481.775	0010001111111000	482.315	0110100001111000	482.855	00010110111011000
481.240	1000111011111000	481.780	1100001111111000	482.320	1010100001111000	482.860	11100110111011000
481.245	0000111011111000	481.785	0100001111111000	482.325	0010100001111000	482.865	01100110111011000
481.2							

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
482.960	111000101011000	483.500	100110010011000	484.040	100011111101000	484.580	110000101101000
482.965	011000101011000	483.505	000110010011000	484.045	000011111101000	484.585	010000101101000
482.970	101000101011000	483.510	111010010011000	484.050	100101111101000	484.590	100000101101000
482.975	001000101011000	483.515	011010010011000	484.055	000101111101000	484.595	000000101101000
482.980	110000101011000	483.520	101010010011000	484.060	111001111101000	484.600	100110010101000
482.985	010000101011000	483.525	001010010011000	484.065	011001111101000	484.605	000110010101000
482.990	100000101011000	483.530	110010010011000	484.070	101001111101000	484.610	111010010101000
482.995	000000101011000	483.535	010010010011000	484.075	001001111101000	484.615	011010010101000
483.000	100110010101000	483.540	100010010011000	484.080	110001111101000	484.620	101010010101000
483.005	000110010101000	483.545	000010010011000	484.085	010001111101000	484.625	001010010101000
483.010	111010010101000	483.550	100100010011000	484.090	100001111101000	484.630	110010010101000
483.015	011010010101000	483.555	000100010011000	484.095	000001111101000	484.635	010010010101000
483.020	101010010101000	483.560	111000010011000	484.100	100110111101000	484.640	100010010101000
483.025	001010010101000	483.565	011000010011000	484.105	000110111101000	484.645	000010010101000
483.030	110010010101000	483.570	101000010011000	484.110	111010111101000	484.650	100100010101000
483.035	010010010101000	483.575	001000010011000	484.115	011010111101000	484.655	000100010101000
483.040	100010010101000	483.580	110000010011000	484.120	101010111101000	484.660	1110010010101000
483.045	000010010101000	483.585	010000010011000	484.125	001010111101000	484.665	0110010010101000
483.050	100100010101000	483.590	100000010011000	484.130	110010111101000	484.670	1010010010101000
483.055	000100010101000	483.595	000000010011000	484.135	010010111101000	484.675	0100010010101000
483.060	1110010010101000	483.600	1001110001001000	484.140	100010111101000	484.680	1100010010101000
483.065	0110010010101000	483.605	0001110001001000	484.145	000010111101000	484.685	0100010010101000
483.070	1010010010101000	483.610	1110110001001000	484.150	100100111101000	484.690	1000010010101000
483.075	0010010010101000	483.615	0110110001001000	484.155	000100111101000	484.695	0000010010101000
483.080	1100010010101000	483.620	1010110001001000	484.160	111000111101000	484.700	10001000010101000
483.085	0100010010101000	483.625	0010110001001000	484.165	011000111101000	484.705	0001000010101000
483.090	1000010010101000	483.630	1100110001001000	484.170	101000111101000	484.710	11101000010101000
483.095	0000010010101000	483.635	0100110001001000	484.175	001000111101000	484.715	01101000010101000
483.100	100110000101000	483.640	1000110001001000	484.180	110000111101000	484.720	10101000010101000
483.105	000110000101000	483.645	0000110001001000	484.185	010000111101000	484.725	00101000010101000
483.110	111010000101000	483.650	1001010001001000	484.190	100000111101000	484.730	11001000010101000
483.115	011010000101000	483.655	0001010001001000	484.195	000000111101000	484.735	01001000010101000
483.120	101010000101000	483.660	1110010001001000	484.200	1001101001001000	484.740	10001000010101000
483.125	001010000101000	483.665	0110010001001000	484.205	0001101001001000	484.745	00001000010101000
483.130	110010000101000	483.670	1010010001001000	484.210	1110101001001000	484.750	10010000010101000
483.135	010010000101000	483.675	0010010001001000	484.215	0110101001001000	484.755	00010000010101000
483.140	100010000101000	483.680	1100010001001000	484.220	1010101001001000	484.760	11100000010101000
483.145	000010000101000	483.685	0100010001001000	484.225	0010101001001000	484.765	01000000010101000
483.150	100100000101000	483.690	1000010001001000	484.230	1100101001001000	484.770	10100000010101000
483.155	000100000101000	483.695	0000010001001000	484.235	0100101001001000	484.775	00100000010101000
483.160	111000000101000	483.700	1001010001001000	484.240	1000101001001000	484.780	11000000010101000
483.165	011000000101000	483.705	0001010001001000	484.245	0000101001001000	484.785	01000000010101000
483.170	101000000101000	483.710	1110100001001000	484.250	1001010001001000	484.790	10000000010101000
483.175	001000000101000	483.715	0110100001001000	484.255	0001010001001000	484.795	00000000010101000
483.180	110000000101000	483.720	1010010001001000	484.260	1110010001001000	484.800	1001111001001000
483.185	010000000101000	483.725	0010010001001000	484.265	0110010001001000	484.805	0001111001001000
483.190	100000000101000	483.730	1100100001001000	484.270	1010010001001000	484.810	1110111001001000
483.195	000000000101000	483.735	0100100001001000	484.275	0010010001001000	484.815	0110111001001000
483.200	1001111001001000	483.740	1000100001001000	484.280	1100010001001000	484.820	1010111001001000
483.205	0001111001001000	483.745	0000100001001000	484.285	0100010001001000	484.825	0010111001001000
483.210	1110111001001000	483.750	1001000001001000	484.290	1000010001001000	484.830	1100111001001000
483.215	0110111001001000	483.755	0001000001001000	484.295	0000010001001000	484.835	0100111001001000
483.220	1010111001001000	483.760	1110000001001000	484.300	10010001001001000	484.840	1000111001001000
483.225	0010111001001000	483.765	0110000001001000	484.305	00010001001001000	484.845	0000111001001000
483.230	1100111001001000	483.770	1010000001001000	484.310	11100001001001000	484.850	1001011001001000
483.235	0100111001001000	483.775	0010000001001000	484.315	01100001001001000	484.855	0001011001001000
483.240	1000111001001000	483.780	1100000001001000	484.320	10100001001001000	484.860	1110011001001000
483.245	0000111001001000	483.785	0100000001001000	484.325	00100001001001000	484.865	0100011001001000
483.250	1001011001001000	483.790	1000000001001000	484.330	11000001001001000	484.870	1010011001001000
483.255	0001011001001000	483.795	0000000001001000	484.335	01000001001001000	484.875	0010011001001000
483.260	1110011001001000	483.800	100101000001000	484.340	10001001001001000	484.880	11000001001001000
483.265	0110011001001000	483.805	000101000001000	484.345	00001001001001000	484.885	01000001001001000
483.270	1010011001001000	483.810	111010000001000	484.350	10010001001001000	484.890	10000001001001000
483.275	0010011001001000	483.815	011010000001000	484.355	00010001001001000	484.895	00000001001001000
483.280	1100011001001000	483.820	101010000001000	484.360	11100001001001000	484.900	1001010001001000
483.285	0100011001001000	483.825	001010000001000	484.365	01100001001001000	484.905	0001010001001000
483.290	1000011001001000	483.830	110010000001000	484.370	10100001001001000	484.910	11101001001001000
483.295	0000011001001000	483.835	010010000001000	484.375	00100001001001000	484.915	01101001001001000
483.300	1001101001001000	483.840	100010000001000	484.380	11000001001001000	484.920	10101001001001000
483.305	0001101001001000	483.845	000010000001000	484.385	01000001001001000	484.925	00101001001001000
483.310	1110101001001000	483.850	100101000001000	484.390	10000001001001000	484.930	11001001001001000
483.315	0110101001001000	483.855	000101000001000	484.395	00000001001001000	484.935	01001001001001000
483.320	1010101001001000	483.860	111001000001000	484.400	10011001001001000	484.940	10001001001001000
483.325	0010101001001000	483.865	011001000001000	484.405	00011001001001000	484.945	00001001001001000
483.330	1100101001001000	483.870	101001000001000	484.410	11101001001001000	484.950	10010001001001000
483.335	0100101001001000	483.875	001001000001000	484.415	01101001001001000	484.955	00010001001001000
483.340	1000101001001000	483.880	110001000001000	484.420	10101001001001000	484.960	11100001001001000
483.345	0000101001001000	483.885	010001000001000	484.425	00101001001001000	484.965	01000001001001000
483.350	10010001001001000	483.890	100000000001000	484.430	11001001001001000	484.970	10100001001001000
483.355	00010001001001000	483.895	000000000001000	484.435	01001001001001000	484.975	00100001001001000
483.360	11100001001001000	483.900	100100000001000	484.440	10001001001001000	484.980	11000001001001000
483.365	01100001001001000	483.905	000100000001000	484.445	00001001001001000	484.985	01000001001001000
483.370	10100001001001000	483.910	111000000001000	484.450	100101001001000	484.990	10000001001001000
483.375	00100001001001000	483.915	011000000001000	484.455	000101001001000	484.995	00000001001001000
483.380	11000001001001000	483.920	101000000001000	484.460	111001001001000	485.000	10011001001001000
483.385	01000001001001000	483.925	001000000001000	484.465	011001001001000	485.005	00011001001001000
483.390	10000001001001000	483.930	110000000001000	484.470	101001001001000	485.010	11101001001001000
483.395	00000001001001000	483.935	010000000001000	484.475	001001001001000	485.015	01101001001001000
483.400	10011001001001000	483.940	100000000001000	484.480	110001001001000	485.020	10101001001001000
483.405	00011001001001000	483.945	000000000001000	484.485	010001001001000	48	

485.120 to 487.275

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
485.120	1010110010101000	485.660	1110011110010000	486.200	1001110010010000	486.740	1000100100010000
485.125	0001010010101000	485.665	0110011110010000	486.205	0091100100100000	486.745	0000100100010000
485.130	1100100101010000	485.670	1010011110010000	486.210	1110110010010000	486.750	1001000100010000
485.135	0100110010101000	485.675	0010011110010000	486.215	0110110010010000	486.755	0001000100010000
485.140	1000110010101000	485.680	1100011110010000	486.220	1010110010010000	486.760	1110000100010000
485.145	0000110010101000	485.685	0100111100100000	486.225	0010110010010000	486.765	0110000100010000
485.150	1001000101010000	485.690	1000011110010000	486.230	1100110010010000	486.770	1010000100010000
485.155	0001000101010000	485.695	0000111100100000	486.235	0100110010010000	486.775	0010000100010000
485.160	1110000101010000	485.700	1001100110010000	486.240	1000110010010000	486.780	1100000100010000
485.165	0110000101010000	485.705	0001100110010000	486.245	0000110010010000	486.785	0100000100010000
485.170	1010000101010000	485.710	1110101110010000	486.250	1001001001000000	486.790	1000000100010000
485.175	0010000101010000	485.715	0110101110010000	486.255	0001010010010000	486.795	0000000100010000
485.180	1100000101010000	485.720	1010101110010000	486.260	1110010010010000	486.800	1001110000010000
485.185	0100000101010000	485.725	0010101110010000	486.265	0110010010010000	486.805	0001110000010000
485.190	1000000101010000	485.730	1100101110010000	486.270	1010001001000000	486.810	1110110000010000
485.195	0000000101010000	485.735	0100101110010000	486.275	0010010010010000	486.815	0110110000010000
485.200	1001111001010000	485.740	1000101110010000	486.280	1100010010010000	486.820	1010110000010000
485.205	0001111001010000	485.745	0000101110010000	486.285	0100100100010000	486.825	0010110000010000
485.210	1110111001010000	485.750	1001091110010000	486.290	1000010010010000	486.830	1100110000010000
485.215	0110111001010000	485.755	0001001110010000	486.295	0000010010010000	486.835	0100110000010000
485.220	1010111001010000	485.760	1110010110010000	486.300	1001100010010000	486.840	1000110000010000
485.225	0010111001010000	485.765	0110001110010000	486.305	0091100010010000	486.845	0000110000010000
485.230	1100111001010000	485.770	1010001110010000	486.310	1110100100100000	486.850	1001011000010000
485.235	0100111001010000	485.775	0010001110010000	486.315	0110100100100000	486.855	0001011000010000
485.240	1000111001010000	485.780	1100001110010000	486.320	1010100100100000	486.860	1110001000010000
485.245	0000111001010000	485.785	0100100110010000	486.325	0010100100100000	486.865	0110011000010000
485.250	1001011001010000	485.790	1000001110010000	486.330	1100010010010000	486.870	1010011000010000
485.255	0001011001010000	485.795	0000001110010000	486.335	0100100100010000	486.875	0010011000010000
485.260	1110011001010000	485.800	1001101001000000	486.340	1000100100010000	486.880	1100011000010000
485.265	0110011001010000	485.805	0001100110010000	486.345	0090100100100000	486.885	0001011000010000
485.270	1010011001010000	485.810	1110101110010000	486.350	1001000010010000	486.890	1000011000010000
485.275	0010011001010000	485.815	0110101110010000	486.355	0001000010010000	486.895	0000110000010000
485.280	1100011001010000	485.820	1010101110010000	486.360	1110000100100000	486.900	1001010000010000
485.285	0100011001010000	485.825	0010101110010000	486.365	0110000010010000	486.905	0001010000010000
485.290	1000011001010000	485.830	1100101110010000	486.370	1010000010010000	486.910	1110101000010000
485.295	0000011001010000	485.835	0100101110010000	486.375	0010000010010000	486.915	0110101000010000
485.300	1001101001010000	485.840	1000101110010000	486.380	1100000010010000	486.920	1010101000010000
485.305	0001101001010000	485.845	0000101110010000	486.385	0100000010010000	486.925	0010101000010000
485.310	1110101001010000	485.850	1001010110010000	486.390	1000000010010000	486.930	1100101000010000
485.315	0110101001010000	485.855	0001010110010000	486.395	0090000010010000	486.935	0100101000010000
485.320	1010101001010000	485.860	1110010110010000	486.400	1001111100010000	486.940	1000110000010000
485.325	0010101001010000	485.865	0110010110010000	486.405	0001111100010000	486.945	0000110000010000
485.330	1100101001010000	485.870	1010010110010000	486.410	1110111100010000	486.950	1001001000010000
485.335	0100101001010000	485.875	0010010110010000	486.415	0110111100010000	486.955	0001001000010000
485.340	1000101001010000	485.880	1100010110010000	486.420	1010111100010000	486.960	1110001000010000
485.345	0000101001010000	485.885	0100010110010000	486.425	0010111100010000	486.965	0110010000010000
485.350	1001001001010000	485.890	1000001010010000	486.430	1100111100010000	486.970	1010001000010000
485.355	0001001001010000	485.895	0000010110010000	486.435	0100111100010000	486.975	0010001000010000
485.360	1110001001010000	485.900	1001100110010000	486.440	1000111100010000	486.980	1100001000010000
485.365	0110001001010000	485.905	0001100110010000	486.445	0000111100010000	486.985	0100010000010000
485.370	1010001001010000	485.910	1110001110010000	486.450	1001011100010000	486.990	1000010000010000
485.375	0010001001010000	485.915	0110001110010000	486.455	0001011100010000	486.995	0000010000010000
485.380	1100001001010000	485.920	1010001110010000	486.460	1110011100010000	487.000	1001110000010000
485.385	0100001001010000	485.925	0010001110010000	486.465	0110011100010000	487.005	0001110000010000
485.390	1000001001010000	485.930	1100100110010000	486.470	1010011100010000	487.010	1110110000010000
485.395	0000001001010000	485.935	0100100110010000	486.475	0010011100010000	487.015	0110110000010000
485.400	1001110001010000	485.940	1000100110010000	486.480	1100011100010000	487.020	1010110000010000
485.405	0001110001010000	485.945	0000100110010000	486.485	0100011100010000	487.025	0010110000010000
485.410	1110110001010000	485.950	1001000110010000	486.490	1000011100010000	487.030	1100110000010000
485.415	0110110001010000	485.955	0001000110010000	486.495	0000011100010000	487.035	0100110000010000
485.420	1010110001010000	485.960	1110000110010000	486.500	1001101100010000	487.040	1000110000010000
485.425	0010110001010000	485.965	0110000110010000	486.505	0001101100010000	487.045	0000110000010000
485.430	1100110001010000	485.970	1010000110010000	486.510	1110101100010000	487.050	1001010000010000
485.435	0100110001010000	485.975	0010000110010000	486.515	0110101100010000	487.055	0001010000010000
485.440	1000110001010000	485.980	1100000110010000	486.520	1010101100010000	487.060	1110010000010000
485.445	0000110001010000	485.985	0100000110010000	486.525	0010101100010000	487.065	0110010000010000
485.450	1001000100010000	485.990	1000000110010000	486.530	1100101100010000	487.070	1010010000010000
485.455	0001000100010000	485.995	0000000110010000	486.535	0100101100010000	487.075	0000010000010000
485.460	1110010001000100	486.000	1001111001000100	486.540	1000101100010000	487.080	1100010000010000
485.465	0110010001000100	486.005	0001111001000100	486.545	0000010110000100	487.085	0100010000010000
485.470	1010010001000100	486.010	1110111001000100	486.550	1001001100010000	487.090	1000010000010000
485.475	0010010001000100	486.015	0110111001000100	486.555	0001001100010000	487.095	0000010000010000
485.480	1100010001000100	486.020	1010111001000100	486.560	1110001100010000	487.100	1001100000010000
485.485	0100010001000100	486.025	0010111001000100	486.565	0110001100010000	487.105	0001100000010000
485.490	1000010001000100	486.030	1100111001000100	486.570	1010001100010000	487.110	1110100000010000
485.495	0000010001000100	486.035	0100111001000100	486.575	0010001100010000	487.115	0110100000010000
485.500	1001100001000100	486.040	1000111001000100	486.580	1100001100010000	487.120	1010100000010000
485.505	0001100001000100	486.045	0000111001000100	486.585	0100001100010000	487.125	0010100000010000
485.510	1110100001000100	486.050	1001011001000100	486.590	1000001100010000	487.130	1100100000010000
485.515	0110100001000100	486.055	0001011001000100	486.595	0000001100010000	487.135	0100100000010000
485.520	1010100001000100	486.060	1110101001000100	486.600	1001110100010000	487.140	1000100000010000
485.525	0010100001000100	486.065	0110101001000100	486.605	0001110100010000	487.145	0000100000010000
485.530	1100100001000100	486.070	1010101001000100	486.610	1110110100010000	487.150	1001000000010000
485.535	0100100001000100	486.075	0010101001000100	486.615	0110110100010000	487.155	0000000000010000
485.540	1000100001000100	486.080	110001010001000100	486.620	1010110100010000	487.160	1110000000010000
485.545	0000100001000100	486.085	010001010001000100	486.625	0010110100010000	487.165	0110000000010000
485.550	1001000001000100	486.090	100001010001000100	486.630	1100110100010000	487.170	1010000000010000
485.555	0001000001000100	486.095	000001010001000100	486.635	0100110100010000	487.175	0010000000010000
485.560	1110000001000100	486.100	1001101001000100	486.640	1000110100010000	487.180	1100000000010000
485.565	0110000001000100	486.105	0001101001000100	486.645	0000110100010000	487.185	0100000000010000
485.570	1010000001000100	486.110	1110101001000100</				

487,280 to 489,435

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
487.280	11000111110000	487.820	101011001110000	488.360	111000010110000	488.900	100110111010000
487.285	01000111110000	487.825	001011001110000	488.365	011000010110000	488.905	000110111010000
487.290	10000111110000	487.830	100110011110000	488.370	101000010110000	488.910	111010111010000
487.295	00000111110000	487.835	010011001110000	488.375	001000010110000	488.915	011010111010000
487.300	10011011110000	487.840	100011001110000	488.380	110000010110000	488.920	101010111010000
487.305	00011011110000	487.845	000011001110000	488.385	010000010110000	488.925	001010111010000
487.310	11101011110000	487.850	100101001110000	488.390	100000010110000	488.930	110010111010000
487.315	01101011110000	487.855	00101011110000	488.395	000000010110000	488.935	010010111010000
487.320	10101011110000	487.860	111001001110000	488.400	100111100110000	488.940	100010111010000
487.325	00101011110000	487.865	011001001110000	488.405	000111100110000	488.945	000010111010000
487.330	11001011110000	487.870	101010011110000	488.410	111011100110000	488.950	100100111010000
487.335	01001011110000	487.875	001001001110000	488.415	011011100110000	488.955	000100111010000
487.340	10001011110000	487.880	110001001110000	488.420	101011100110000	488.960	1110001011010000
487.345	00001011110000	487.885	010001001110000	488.425	001011100110000	488.965	0110001011010000
487.350	10010011110000	487.890	100001001110000	488.430	110011100110000	488.970	1010001011010000
487.355	00010011110000	487.895	000001001110000	488.435	010011100110000	488.975	0010001011010000
487.360	11000111110000	487.900	100110001110000	488.440	100011100110000	488.980	1100001011010000
487.365	01100011110000	487.905	000110001110000	488.445	000001100110000	488.985	0100001011010000
487.370	10100011110000	487.910	111010001110000	488.450	100101100110000	488.990	1000001011010000
487.375	00100011110000	487.915	011010001110000	488.455	000101100110000	488.995	0000001011010000
487.380	11000011110000	487.920	101010001110000	488.460	111001100110000	489.000	1001101011010000
487.385	01000011110000	487.925	001010001110000	488.465	011001100110000	489.005	0001101011010000
487.390	10000011110000	487.930	100100011110000	488.470	101001100110000	489.010	1110011011010000
487.395	00000011110000	487.935	010010001110000	488.475	001001100110000	489.015	011011011010000
487.400	10011011110000	487.940	100010001110000	488.480	110001100110000	489.020	101011011010000
487.405	00011011110000	487.945	000010001110000	488.485	010001100110000	489.025	001011011010000
487.410	11101011110000	487.950	100100001110000	488.490	100001100110000	489.030	110011011010000
487.415	01101011110000	487.955	000100001110000	488.495	000001100110000	489.035	010011011010000
487.420	10101011110000	487.960	111000001110000	489.500	100110100110000	489.040	100011011010000
487.425	00101011110000	487.965	011000001110000	488.505	000110100110000	489.045	0000011011010000
487.430	11001011110000	487.970	101000001110000	488.510	111010100110000	489.050	100101011010000
487.435	01001011110000	487.975	001000001110000	488.515	011010100110000	489.055	000101011010000
487.440	10001011110000	487.980	110000001110000	488.520	101010100110000	489.060	1110001011010000
487.445	00001011110000	487.985	010000001110000	488.525	001010100110000	489.065	0110001011010000
487.450	10010101110000	487.990	100000001110000	488.530	110010100110000	489.070	101001011010000
487.455	00010101110000	487.995	000000001110000	488.535	010010100110000	489.075	001001011010000
487.460	11100101110000	488.000	10011110110000	488.540	100010100110000	489.080	110001011010000
487.465	01100101110000	488.005	00011110110000	488.545	000010100110000	489.085	010001011010000
487.470	10100101110000	488.010	11101110110000	488.550	100100100110000	489.090	100001011010000
487.475	00100101110000	488.015	01101110110000	488.555	000100100110000	489.095	000001011010000
487.480	11000101110000	488.020	10101110110000	488.560	111000100110000	489.100	100110011010000
487.485	01000101110000	488.025	00101110110000	488.565	011000100110000	489.105	000110011010000
487.490	10000101110000	488.030	11001110110000	488.570	101000100110000	489.110	111001011010000
487.495	00000101110000	488.035	01001110110000	488.575	001000100110000	489.115	011001011010000
487.500	10011001110000	488.040	10001110110000	488.580	110000100110000	489.120	101001011010000
487.505	00011001110000	488.045	00001110110000	488.585	010000100110000	489.125	001001011010000
487.510	11100101110000	488.050	10010110110000	488.590	100000100110000	489.130	110001011010000
487.515	01100101110000	488.055	00010110110000	488.595	000000100110000	489.135	010001011010000
487.520	10101001110000	488.060	11100110110000	488.600	100111000110000	489.140	100001011010000
487.525	00101001110000	488.065	01100110110000	488.605	000111000110000	489.145	000001011010000
487.530	11001001110000	488.070	10100110110000	488.610	1110100110000	489.150	100100011010000
487.535	01001001110000	488.075	00100110110000	488.615	0110100110000	489.155	000100011010000
487.540	10001001110000	488.080	11000110110000	488.620	1010100110000	489.160	111000011010000
487.545	00001001110000	488.085	01000110110000	488.625	0010100110000	489.165	011000011010000
487.550	10010001110000	488.090	10000110110000	488.630	1100100110000	489.170	100100011010000
487.555	00010001110000	488.095	00000110110000	488.635	01001000110000	489.175	001000011010000
487.560	11100001110000	488.100	10010100110000	488.640	10001000110000	489.180	110000011010000
487.565	01100001110000	488.105	00010100110000	488.645	000001000110000	489.185	010000011010000
487.570	10100001110000	488.110	11100100110000	488.650	10010000110000	489.190	100000011010000
487.575	00100001110000	488.115	01100100110000	488.655	00010000110000	489.195	000000011010000
487.580	11000001110000	488.120	10101010110000	488.660	111001000110000	489.200	100111011010000
487.585	01000001110000	488.125	00101010110000	488.665	011001000110000	489.205	000111011010000
487.590	10000001110000	488.130	11001010110000	488.670	101001000110000	489.210	111011011010000
487.595	00000001110000	488.135	01001010110000	488.675	001001000110000	489.215	011011011010000
487.600	10011101110000	488.140	10001010110000	488.680	110001000110000	489.220	101011011010000
487.605	00011101110000	488.145	00001010110000	488.685	010001000110000	489.225	001011011010000
487.610	11101101110000	488.150	10010010110000	488.690	100001000110000	489.230	110011011010000
487.615	01101101110000	488.155	00010010110000	488.695	000001000110000	489.235	010011011010000
487.620	10101101110000	488.160	11100010110000	488.700	10010000110000	489.240	100011011010000
487.625	00101101110000	488.165	01100010110000	488.705	00010000110000	489.245	000011011010000
487.630	11001101110000	488.170	10100010110000	488.710	11100000110000	489.250	100100011010000
487.635	01001101110000	488.175	00100010110000	488.715	01100000110000	489.255	000100011010000
487.640	10001101110000	488.180	11000010110000	488.720	10100000110000	489.260	111001011010000
487.645	00001101110000	488.185	01000010110000	488.725	00100000110000	489.265	011001011010000
487.650	10010101110000	488.190	1000000110000	488.730	11000000110000	489.270	101001011010000
487.655	00010101110000	488.195	0000000110000	488.735	01000000110000	489.275	0010000011010000
487.660	11100101110000	488.200	10011100110000	488.740	10000000110000	489.280	110001011010000
487.665	01100101110000	488.205	00011100110000	488.745	00000000110000	489.285	010001011010000
487.670	10100101110000	488.210	11101100110000	488.750	100100000110000	489.290	100001011010000
487.675	00100101110000	488.215	01101100110000	488.755	000100000110000	489.295	000001011010000
487.680	11000101110000	488.220	10101100110000	488.760	111000000110000	489.300	1001101011010000
487.685	01000101110000	488.225	00101100110000	488.765	011000000110000	489.305	0001101011010000
487.690	10000101110000	488.230	11001100110000	488.770	101000000110000	489.310	111001011010000
487.695	00000101110000	488.235	01001100110000	488.775	001000000110000	489.315	0110101011010000
487.700	100110101110000	488.240	10001100110000	488.780	110000000110000	489.320	1010101011010000
487.705	000110101110000	488.245	00000100110000	488.785	010000000110000	489.325	0010101011010000
487.710	111010101110000	488.250	10010100110000	488.790	100000000110000	489.330	1100010011010000
487.715	011010101110000	488.255	00010100110000	488.795	000000000110000	489.335	0100101011010000
487.720	101010101110000	488.260	11100100110000	488.800	10011110110000	489.340	1000101011010000
487.725	001010101110000	488.265	01100100110000	488.805	00011110110000	489.345	0000101011010000
487.730	110010101110000	488.270	10100100110000	488.810	11101110110000	489.350	1001001011010000
487.735	010010101110000	488.275	00100100110000	488.815	01101110110000	489.355	0001001011010000
487.740	100010101110000	488.280	11000100110000	488.820	10101110110000	489.360	1110001011010000
487.745	000010101110000	488.285	01000100110000	488.825	00101110110000	489.365	0110001011010000
487.750	100100101110000	488.290	10000				

489.440 to 490.000

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
489.440	100011001010000	489.585	010000001010000	489.730	110010110010000	489.875	001001010010000
489.445	000011001010000	489.590	100000001010000	489.735	010010110010000	489.880	110001010010000
489.450	100101001010000	489.595	000900001010000	489.740	100010110010000	489.885	010001010010000
489.455	000101001010000	489.600	100111110010000	489.745	000010110010000	489.890	100001010010000
489.460	111001001010000	489.605	000111110010000	489.750	100100110010000	489.895	000001010010000
489.465	011001001010000	489.610	111011110010000	489.755	000100110010000	489.900	100110010010000
489.470	101001001010000	489.615	011011110010000	489.760	111000110010000	489.905	000110010010000
489.475	001001001010000	489.620	101011110010000	489.765	011000110010000	489.910	111010010010000
489.480	110001001010000	489.625	001011110010000	489.770	101000110010000	489.915	011010010010000
489.485	010001001010000	489.630	110011110010000	489.775	001000110010000	489.920	101010010010000
489.490	100001001010000	489.635	010011110010000	489.780	110000110010000	489.925	001010010010000
489.495	000001001010000	489.640	100011110010000	489.785	010000110010000	489.930	110010010010000
489.500	100110001010000	489.645	000011110010000	489.790	100000110010000	489.935	010010010010000
489.505	000110001010000	489.650	100101110010000	489.795	000000110010000	489.940	100010010010000
489.510	111010001010000	489.655	000101110010000	489.800	10011010010010000	489.945	000010010010000
489.515	011010001010000	489.660	111001110010000	489.805	00011010010010000	489.950	100100010010000
489.520	101010001010000	489.665	011001110010000	489.810	11101010010010000	489.955	000100010010000
489.525	001010001010000	489.670	101001110010000	489.815	01101010010010000	489.960	111000010010000
489.530	110010001010000	489.675	001001110010000	489.820	10101010010010000	489.965	011000010010000
489.535	010010001010000	489.680	110001110010000	489.825	00101010010010000	489.970	101000010010000
489.540	100010001010000	489.685	010001110010000	489.830	11001010010010000	489.975	001000010010000
489.545	000010001010000	489.690	100001110010000	489.835	01001010010010000	489.980	110000010010000
489.550	100100001010000	489.695	000001110010000	489.840	10001010010010000	489.985	010000010010000
489.555	000100001010000	489.700	100101010010000	489.845	00001010010010000	489.990	100000010010000
489.560	111000001010000	489.705	000101010010000	489.850	100101010010000	489.995	000000010010000
489.565	011000001010000	489.710	11101010010010000	489.855	000101010010000	490.000	10011100010010000
489.570	101000001010000	489.715	01101010010010000	489.860	111001010010000		
489.575	001000001010000	489.720	10101010010010000	489.865	011001010010000		
489.580	110000001010000	489.725	00101010010010000	489.870	101001010010000		

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
492.000	100111101011100	492.540	100010110011100	493.080	110001000011100	493.620	101011101101100
492.005	000111101111100	492.545	000010110011100	493.085	010001000011100	493.625	001011101101100
492.010	111011101111100	492.550	100100110011100	493.090	100001000011100	493.630	110011101101100
492.015	011011101111100	492.555	000100110011100	493.095	000001000011100	493.635	010011101101100
492.020	101011101111100	492.560	111000110011100	493.100	100110000011100	493.640	100011101101100
492.025	001011101111100	492.565	011000110011100	493.105	000110000011100	493.645	000011101101100
492.030	110011101111100	492.570	101000110011100	493.110	111010000011100	493.650	100101101101100
492.035	010011101111100	492.575	001000110011100	493.115	011010000011100	493.655	000101101101100
492.040	100011101111100	492.580	110000110011100	493.120	101010000011100	493.660	111001101101100
492.045	000011101111100	492.585	010001100111100	493.125	001010000011100	493.665	011001101101100
492.050	100101101111100	492.590	100000110011100	493.130	110010000011100	493.670	101001101101100
492.055	000101101111100	492.595	000000110011100	493.135	010010000011100	493.675	001001101101100
492.060	111001101111100	492.600	100111010011100	493.140	100010000011100	493.680	110001101101100
492.065	011001101111100	492.605	000111010011100	493.145	000010000011100	493.685	010001101101100
492.070	101001101111100	492.610	111011010011100	493.150	100100000011100	493.690	100001101101100
492.075	001001101111100	492.615	011011010011100	493.155	000100000011100	493.695	000001101101100
492.080	110001101111100	492.620	101011010011100	493.160	111000000011100	493.700	1001101101101100
492.085	010001101111100	492.625	001011010011100	493.165	011000000011100	493.705	0001101101101100
492.090	100001101111100	492.630	110011010011100	493.170	101000000011100	493.710	11101101101101100
492.095	000001101111100	492.635	010011010011100	493.175	001000000011100	493.715	01101101101101100
492.100	100110110111100	492.640	100011010011100	493.180	110000000011100	493.720	10101101101101100
492.105	000110110111100	492.645	000011010011100	493.185	010000000011100	493.725	00101101101101100
492.110	111011011011100	492.650	100101010011100	493.190	100000000011100	493.730	110101101101101100
492.115	011011011011100	492.655	000101010011100	493.195	000000000011100	493.735	010101101101101100
492.120	101011011011100	492.660	111001010011100	493.200	100111111011100	493.740	10001101101101100
492.125	001011011011100	492.665	011001010011100	493.205	000111111011100	493.745	00001101101101100
492.130	110011011011100	492.670	101001010011100	493.210	111011111011100	493.750	1001001101101100
492.135	010011011011100	492.675	001001010011100	493.215	011011111011100	493.755	0001001101101100
492.140	100011011011100	492.680	110001010011100	493.220	101011111011100	493.760	1110001101101100
492.145	000011011011100	492.685	010001010011100	493.225	001011111011100	493.765	0110001101101100
492.150	100100110111100	492.690	100001010011100	493.230	110011111011100	493.770	1010001101101100
492.155	000100110111100	492.695	000001010011100	493.235	010011111011100	493.775	0010001101101100
492.160	111000110111100	492.700	100110010011100	493.240	100011111011100	493.780	1100001101101100
492.165	011000110111100	492.705	000110010011100	493.245	000011111011100	493.785	0100001101101100
492.170	101000110111100	492.710	111000110011100	493.250	100101111011100	493.790	1000001101101100
492.175	001000110111100	492.715	011000110011100	493.255	000101111011100	493.795	0000001101101100
492.180	110000110111100	492.720	101000110011100	493.260	111001111011100	493.800	100111001101101100
492.185	010000110111100	492.725	001000110011100	493.265	011001111011100	493.805	000111001101101100
492.190	100000110111100	492.730	110000110011100	493.270	101001111011100	493.810	111011001101101100
492.195	000000110111100	492.735	010000110011100	493.275	001001111011100	493.815	011011001101101100
492.200	100111001101100	492.740	100010010011100	493.280	110001111011100	493.820	101011001101101100
492.205	000111001101100	492.745	000010010011100	493.285	010001111011100	493.825	001011001101101100
492.210	111011001101100	492.750	100100010011100	493.290	100001111011100	493.830	110011001101101100
492.215	011011001101100	492.755	000100010011100	493.295	000001111011100	493.835	010011001101101100
492.220	101011001101100	492.760	111000010011100	493.300	100101111011100	493.840	100011001101101100
492.225	001011001101100	492.765	011000010011100	493.305	000101111011100	493.845	000011001101101100
492.230	110011001101100	492.770	101000010011100	493.310	111010111011100	493.850	1001001101101100
492.235	010011001101100	492.775	001000010011100	493.315	011010111011100	493.855	0001001101101100
492.240	100011001101100	492.780	110000010011100	493.320	101010111011100	493.860	111001001101101100
492.245	000011001101100	492.785	010000010011100	493.325	001010111011100	493.865	011001001101101100
492.250	1001001101101100	492.790	100000010011100	493.330	110010111011100	493.870	101001001101101100
492.255	0001001101101100	492.795	000000010011100	493.335	010010111011100	493.875	001001001101101100
492.260	1110001101101100	492.800	1001110001101100	493.340	100010111011100	493.880	110001001101101100
492.265	0110001101101100	492.805	0001110001101100	493.345	000010111011100	493.885	010001001101101100
492.270	1010001101101100	492.810	1110110001101100	493.350	100100111011100	493.890	100001001101101100
492.275	0010001101101100	492.815	0110110001101100	493.355	000100111011100	493.895	000001001101101100
492.280	1100001101101100	492.820	1010110001101100	493.360	111000111011100	493.900	100110001101101100
492.285	0100001101101100	492.825	0010110001101100	493.365	011000111011100	493.905	000110001101101100
492.290	1000001101101100	492.830	1100110001101100	493.370	101000111011100	493.910	111010001101101100
492.295	0000001101101100	492.835	0100110001101100	493.375	001000111011100	493.915	011010001101101100
492.300	100110001101100	492.840	1000110001101100	493.380	110000111011100	493.920	101010001101101100
492.305	000110001101100	492.845	0000110001101100	493.385	010000111011100	493.925	001010001101101100
492.310	111010001101100	492.850	1001010001101100	493.390	100000111011100	493.930	110010001101101100
492.315	011010001101100	492.855	0001010001101100	493.395	000000111011100	493.935	010010001101101100
492.320	101010001101100	492.860	1110010001101100	493.400	100110111011100	493.940	100010001101101100
492.325	001010001101100	492.865	0110010001101100	493.405	000110111011100	493.945	000010001101101100
492.330	110010001101100	492.870	1010010001101100	493.410	111010111011100	493.950	100100001101101100
492.335	010010001101100	492.875	0010010001101100	493.415	011010111011100	493.955	000100001101101100
492.340	100010001101100	492.880	1100010001101100	493.420	101010111011100	493.960	111000001101101100
492.345	000010001101100	492.885	0100010001101100	493.425	001010111011100	493.965	011000001101101100
492.350	100100001101100	492.890	1000010001101100	493.430	110010111011100	493.970	101000001101101100
492.355	000100001101100	492.895	0000010001101100	493.435	010010111011100	493.975	001000001101101100
492.360	111000001101100	492.900	1001010001101100	493.440	100010111011100	493.980	110000001101101100
492.365	011000001101100	492.905	0001010001101100	493.445	000010111011100	493.985	010000001101101100
492.370	101000001101100	492.910	1110010001101100	493.450	100101011011100	493.990	100000001101101100
492.375	001000001101100	492.915	0110010001101100	493.455	000101011011100	493.995	000000001101101100
492.380	110000001101100	492.920	1010010001101100	493.460	111001011011100	494.000	10011110101101100
492.385	010000001101100	492.925	0010010001101100	493.465	011001011011100	494.005	00011110101101100
492.390	100000001101100	492.930	1100010001101100	493.470	101001011011100	494.010	11101110101101100
492.395	000000001101100	492.935	0100010001101100	493.475	001001011011100	494.015	01101110101101100
492.400	100111110011100	492.940	1000100001101100	493.480	110001011011100	494.020	10101110101101100
492.405	000111110011100	492.945	0000100001101100	493.485	010001011011100	494.025	00101110101101100
492.410	111011110011100	492.950	1001000001101100	493.490	100001011011100	494.030	11001110101101100
492.415	011011110011100	492.955	0001000001101100	493.495	000001011011100	494.035	01001110101101100
492.420	101011110011100	492.960	1110000001101100	493.500	100110011011100	494.040	10001110101101100
492.425	001011110011100	492.965	0110000001101100	493.505	000110011011100	494.045	00001110101101100
492.430	110011110011100	492.970	1010000001101100	493.510	111001001101100	494.050	10010110101101100
492.435	010011110011100	492.975	0010000001101100	493.515	011001001101100	494.055	00010110101101100
492.440	100011110011100	492.980	1100000001101100	493.520	101001001101100	494.060	11100110101101100
492.445	000011110011100	492.985	0100000001101100	493.525	001001001101100	494.065	01100110101101100
492.450	100101110011100	492.990	1				

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
494.160	111000110101100	494.700	100110000101100	495.240	100011101001100	495.780	110000110001100
494.165	011000110101100	494.705	000110000101100	495.245	00001110101100	495.785	010000110001100
494.170	101000110101100	494.710	111010000101100	495.250	10010110101100	495.790	100001110001100
494.175	001000110101100	494.715	011010000101100	495.255	00010110101100	495.795	000001110001100
494.180	110000110101100	494.720	101010000101100	495.260	11100110101100	495.800	100111010001100
494.185	010000110101100	494.725	001010000101100	495.265	01100110101100	495.805	000111010001100
494.190	100000110101100	494.730	110010000101100	495.270	10100110101100	495.810	110111010001100
494.195	000000110101100	494.735	010010000101100	495.275	00100110101100	495.815	011011010001100
494.200	100111010101100	494.740	100010000101100	495.280	11000110101100	495.820	101011010001100
494.205	000111010101100	494.745	000010000101100	495.285	01000110101100	495.825	001011010001100
494.210	111011010101100	494.750	100100001010100	495.290	10000110101100	495.830	110011010001100
494.215	011011010101100	494.755	000100001010100	495.295	00000110101100	495.835	010111010001100
494.220	101011010101100	494.760	111000001010100	495.300	10011010101100	495.840	100011010001100
494.225	001011010101100	494.765	011000001010100	495.305	00011010101100	495.845	000011010001100
494.230	110110101010100	494.770	101000001010100	495.310	11101010101100	495.850	100101010001100
494.235	010011010101100	494.775	001000001010100	495.315	01101010101100	495.855	000101010001100
494.240	100011010101100	494.780	110000001010100	495.320	10101010101100	495.860	111001010001100
494.245	000011010101100	494.785	010000001010100	495.325	00101010101100	495.865	011001010001100
494.250	100101010101100	494.790	100000001010100	495.330	11101010101100	495.870	101001010001100
494.255	000101010101100	494.795	000000001010100	495.335	01001010101100	495.875	010010101001100
494.260	111001010101100	494.800	100011111001100	495.340	10001010101100	495.880	100010101001100
494.265	011001010101100	494.805	000111111001100	495.345	00001010101100	495.885	010010101001100
494.270	101001010101100	494.810	111011111001100	495.350	10010010101100	495.890	100001010001100
494.275	001001010101100	494.815	011011111001100	495.355	00010010101100	495.895	000001010001100
494.280	110001010101100	494.820	101011111001100	495.360	11100011001100	495.900	100110010001100
494.285	010001010101100	494.825	001011111001100	495.365	01100010101100	495.905	000110010001100
494.290	100001010101100	494.830	110011111001100	495.370	10100010101100	495.910	111010010001100
494.295	000001010101100	494.835	010011111001100	495.375	00100010101100	495.915	011010010001100
494.300	100110010101100	494.840	100011111001100	495.380	11000010101100	495.920	101001000001100
494.305	000110010101100	494.845	000011111001100	495.385	01000010101100	495.925	001001000001100
494.310	111010010101100	494.850	101011111001100	495.390	00000010101100	495.930	110010100001100
494.315	011010010101100	494.855	000101111001100	495.395	00000010101100	495.935	010010100001100
494.320	101010010101100	494.860	111001111001100	495.400	10011100101100	495.940	100101000001100
494.325	001010010101100	494.865	011001111001100	495.405	00011100101100	495.945	000010100001100
494.330	110010010101100	494.870	101001111001100	495.410	11101100101100	495.950	100100100001100
494.335	010010010101100	494.875	001001111001100	495.415	01101100101100	495.955	000100100001100
494.340	100010010101100	494.880	110001111001100	495.420	10101100101100	495.960	111000100001100
494.345	000010010101100	494.885	010001111001100	495.425	00101100101100	495.965	011000100001100
494.350	100100010101100	494.890	100001111001100	495.430	11001100101100	495.970	101000100001100
494.355	000100010101100	494.895	000001111001100	495.435	01001100101100	495.975	001000100001100
494.360	111000010101100	494.900	100101111001100	495.440	10101100101100	495.980	110000010001100
494.365	011000010101100	494.905	000101111001100	495.445	00001010101100	495.985	010000010001100
494.370	101000010101100	494.910	111010111001100	495.450	10010100101100	495.990	100000010001100
494.375	001000010101100	494.915	011010111001100	495.455	00010100101100	495.995	000000010001100
494.380	110000010101100	494.920	101010111001100	495.460	11100100101100	496.000	10011100010001100
494.385	010000010101100	494.925	001010111001100	495.465	01100100101100	496.005	00011100010001100
494.390	100000010101100	494.930	110010111001100	495.470	10100100101100	496.010	11101100010001100
494.395	000000010101100	494.935	010010111001100	495.475	00100100101100	496.015	01101100010001100
494.400	100111000101100	494.940	100010111001100	495.480	110001000101100	496.020	10101100010001100
494.405	000111000101100	494.945	000010111001100	495.485	010001000101100	496.025	00101100010001100
494.410	111011000101100	494.950	100100111001100	495.490	100000100101100	496.030	11101100010001100
494.415	011011000101100	494.955	000100111001100	495.495	000000100101100	496.035	01001100010001100
494.420	101011000101100	494.960	111000111001100	495.500	100110001001100	496.040	10001100010001100
494.425	001011000101100	494.965	011000111001100	495.505	000110001001100	496.045	00001100010001100
494.430	110101000101100	494.970	101000111001100	495.510	111011000100100	496.050	10010100010001100
494.435	010011000101100	494.975	001000111001100	495.515	011010010010100	496.055	00010100010001100
494.440	100011000101100	494.980	110000111001100	495.520	101010001001100	496.060	11100100010001100
494.445	000011000101100	494.985	010001111001100	495.525	001010001001100	496.065	01100100010001100
494.450	100101000101100	494.990	100000111001100	495.530	110010001001100	496.070	10100100010001100
494.455	000101000101100	494.995	000000111001100	495.535	010010001001100	496.075	00101100010001100
494.460	111001000101100	495.000	100111010001100	495.540	100010001001100	496.080	11000100010001100
494.465	011001000101100	495.005	000111010001100	495.545	000010001001100	496.085	01000100010001100
494.470	101001000101100	495.010	111011010001100	495.550	100100001001100	496.090	10000100010001100
494.475	001001000101100	495.015	011011010001100	495.555	000100001001100	496.095	00000100010001100
494.480	110001000101100	495.020	101011010001100	495.560	111000001001100	496.100	1001101000010001100
494.485	010001000101100	495.025	001011010001100	495.565	011000001001100	496.105	0001101000010001100
494.490	100001000101100	495.030	110011010001100	495.570	101000001001100	496.110	1110101000010001100
494.495	000001000101100	495.035	010011010001100	495.575	001000001001100	496.115	0110101000010001100
494.500	1001101000101100	495.040	100011010001100	495.580	110000001001100	496.120	1010101000010001100
494.505	0001101000101100	495.045	000011010001100	495.585	010000001001100	496.125	0010101000010001100
494.510	1110101000101100	495.050	100101010001100	495.590	100000001001100	496.130	1100101000010001100
494.515	0110101000101100	495.055	000101010001100	495.595	000000001001100	496.135	0100101000010001100
494.520	1010101000101100	495.060	111001010001100	495.600	10011110001001100	496.140	1000010000010001100
494.525	0010101000101100	495.065	011001010001100	495.605	00011110001001100	496.145	0000101000010001100
494.530	1100101000101100	495.070	101001010001100	495.610	11101110001001100	496.150	1001001000010001100
494.535	0100101000101100	495.075	001001010001100	495.615	01101110001001100	496.155	0001001000010001100
494.540	1000101000101100	495.080	110001010001100	495.620	10101110001001100	496.160	1110001000010001100
494.545	0000101000101100	495.085	010001010001100	495.625	00101110001001100	496.165	0110001000010001100
494.550	1001001000101100	495.090	1000001010001100	495.630	11001110001001100	496.170	1010001000010001100
494.555	0001001000101100	495.095	0000001010001100	495.635	01001110001001100	496.175	0010001000010001100
494.560	1110001000101100	495.100	10011001000100100	495.640	10001110001001100	496.180	1100001000010001100
494.565	0110001000101100	495.105	00011001000100100	495.645	00001110001001100	496.185	0100001000010001100
494.570	1010001000101100	495.110	11101001000100100	495.650	10010110001001100	496.190	1000001000010001100
494.575	0010001000101100	495.115	01101010001001100	495.655	00010110001001100	496.195	0000001000010001100
494.580	1100001000101100	495.120	10101010001001100	495.660	11100110001001100	496.200	1001100000100001100
494.585	0100001000101100	495.125	00101001000100100	495.665	01100110001001100	496.205	0001100000100001100
494.590	1000001000101100	495.130	11001001000100100	495.670	10100110001001100	496.210	1110100000100001100
494.595	0000001000101100	495.135	01001001000100100	495.675	00100110001001100	496.215	0110100000100001100
494.600	10011100001001100	495.140	10000100010001100	495.680	1100011000010001100	496.220	1010110000010001100
494.605	00011100001001100	495.145	00001001000100100	495.685	0100011000010001100	496.225	0010110000010001100
494.610	11101100001001100	495.150	10010001000100100	495.690	1000011000010001100	496.230	1100110000010001100
494.615	01101100001001100	495.155	00010001000100100	495.695	0000011000010001100		

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
496.320	101010000001100	496.860	111001101110100	497.400	100111010110100	497.940	100010000110100
496.325	001010000001100	496.865	011001101110100	497.405	000111010110100	497.945	000010000110100
496.330	101010000001100	496.870	101001101110100	497.410	111011010110100	497.950	100100000110100
496.335	010010000001100	496.875	001001101110100	497.415	011011010110100	497.955	000100000110100
496.340	100010000001100	496.880	110001101110100	497.420	101011010110100	497.960	111000000110100
496.345	000010000001100	496.885	010001101110100	497.425	001011010110100	497.965	011000000110100
496.350	100100000001100	496.890	100001101110100	497.430	110101010110100	497.970	101000000110100
496.355	000100000001100	496.895	000001101110100	497.435	010011010110100	497.975	001000000110100
496.360	111000000001100	496.900	100110101110100	497.440	100110101110100	497.980	110070000110100
496.365	011000000001100	496.905	000110101110100	497.445	000011010110100	497.985	010000000110100
496.370	101000000001100	496.910	111010101110100	497.450	100101010110100	497.990	100000000110100
496.375	001000000001100	496.915	011010101110100	497.455	000101010110100	497.995	000000000110100
496.380	110000000001100	496.920	101010101110100	497.460	111001010110100	498.000	10111111010100
496.385	010000000001100	496.925	001010101110100	497.465	011001010110100	498.005	00011111010100
496.390	100000000001100	496.930	110010101110100	497.470	101001010110100	498.010	11101111010100
496.395	000000000001100	496.935	010010101110100	497.475	001001010110100	498.015	01101111010100
496.400	100111111110100	496.940	100010101110100	497.480	110001010110100	498.020	10101111010100
496.405	000111111110100	496.945	000010101110100	497.485	010001010110100	498.025	01011111010100
496.410	111011111110100	496.950	100100101110100	497.490	100001010110100	498.030	11001111010100
496.415	011011111110100	496.955	000100101110100	497.495	000001010110100	498.035	01001111010100
496.420	101011111110100	496.960	111000101110100	497.500	000110010110100	498.040	10001111010100
496.425	001011111110100	496.965	011000101110100	497.505	000110010110100	498.045	00001111010100
496.430	110011111110100	496.970	101000101110100	497.510	111010010110100	498.050	10010111010100
496.435	010011111110100	496.975	001000101110100	497.515	011010010110100	498.055	00010111010100
496.440	100011111110100	496.980	110000101110100	497.520	101010010110100	498.060	11100111010100
496.445	000011111110100	496.985	010000101110100	497.525	001010010110100	498.065	01100111010100
496.450	100101111110100	496.990	100000101110100	497.530	110010010110100	498.070	10100111010100
496.455	000101111110100	496.995	000000101110100	497.535	010010010110100	498.075	00100111010100
496.460	111001111110100	497.000	100111001110100	497.540	100010010110100	498.080	11000111010100
496.465	011001111110100	497.005	000111001110100	497.545	000010010110100	498.085	01000111010100
496.470	101001111110100	497.010	111011001110100	497.550	100100010110100	498.090	10000111010100
496.475	001001111110100	497.015	011011001110100	497.555	000100010110100	498.095	00000111010100
496.480	110001111110100	497.020	101011001110100	497.560	111000010110100	498.100	10011011010100
496.485	010001111110100	497.025	001011001110100	497.565	011000010110100	498.105	00011011010100
496.490	100001111110100	497.030	110011001110100	497.570	101000010110100	498.110	11101011010100
496.495	000001111110100	497.035	010011001110100	497.575	001000010110100	498.115	01101011010100
496.500	100110111110100	497.040	100011001110100	497.580	110000010110100	498.120	10101011010100
496.505	000110111110100	497.045	000011001110100	497.585	010000010110100	498.125	00101011010100
496.510	111010111110100	497.050	100100010110100	497.590	100000010110100	498.130	11001011010100
496.515	011010111110100	497.055	000100010110100	497.595	000000010110100	498.135	01001011010100
496.520	101010111110100	497.060	111000010110100	497.600	10011100010100	498.140	10000101010100
496.525	001010111110100	497.065	011000010110100	497.605	00011100010100	498.145	00001011010100
496.530	110010111110100	497.070	101000010110100	497.610	11101100010100	498.150	10010011010100
496.535	010010111110100	497.075	001000010110100	497.615	01101100010100	498.155	00010011010100
496.540	100010111110100	497.080	110000010110100	497.620	10101100010100	498.160	11100011010100
496.545	000010111110100	497.085	010000010110100	497.625	00101100010100	498.165	01100011010100
496.550	100100111110100	497.090	100000010110100	497.630	11001100010100	498.170	10100011010100
496.555	000100111110100	497.095	000000010110100	497.635	01001100010100	498.175	00001011010100
496.560	111000011110100	497.100	10011000010100	497.640	10001100010100	498.180	11000011010100
496.565	011000011110100	497.105	00011000010100	497.645	00001100010100	498.185	01000011010100
496.570	101000011110100	497.110	111000010100	497.650	10010100010100	498.190	10000011010100
496.575	001000011110100	497.115	011000010100	497.655	00010100010100	498.195	00000011010100
496.580	110000011110100	497.120	101000010100	497.660	11100100010100	498.200	1001101010100
496.585	010000011110100	497.125	001000010100	497.665	01100100010100	498.205	0001101010100
496.590	100000011110100	497.130	110000010100	497.670	10100100010100	498.210	1110101010100
496.595	000000011110100	497.135	010000010100	497.675	00100100010100	498.215	0110101010100
496.600	10011011010100	497.140	10001000010100	497.680	11000100010100	498.220	1010101010100
496.605	00011011010100	497.145	00001000010100	497.685	01000100010100	498.225	0010101010100
496.610	11101011010100	497.150	10010000010100	497.690	10000100010100	498.230	1100101010100
496.615	01101011010100	497.155	00010000010100	497.695	00000100010100	498.235	0100101010100
496.620	10101011010100	497.160	11100000010100	497.700	10011000010100	498.240	1000101010100
496.625	00101011010100	497.165	01100000010100	497.705	00011000010100	498.245	0000101010100
496.630	11001011010100	497.170	10100000010100	497.710	11101000010100	498.250	10010101010100
496.635	01001011010100	497.175	00100000010100	497.715	01101000010100	498.255	00010101010100
496.640	10001011010100	497.180	11000000010100	497.720	10101000010100	498.260	11100101010100
496.645	00001011010100	497.185	01000000010100	497.725	00101000010100	498.265	01100101010100
496.650	10010011010100	497.190	10000000010100	497.730	11001000010100	498.270	10100101010100
496.655	00010011010100	497.195	00000000010100	497.735	01001000010100	498.275	00100101010100
496.660	11100010110100	497.200	1001111010100	497.740	10001000010100	498.280	11000101010100
496.665	01100010110100	497.205	0001111010100	497.745	00001000010100	498.285	01000101010100
496.670	10100010110100	497.210	1110111010100	497.750	10010000010100	498.290	10000101010100
496.675	00100010110100	497.215	0110111010100	497.755	00010000010100	498.295	00000101010100
496.680	11000010110100	497.220	1010111010100	497.760	11100000010100	498.300	100110001010100
496.685	01000010110100	497.225	0010111010100	497.765	01100000010100	498.305	000110001010100
496.690	10000010110100	497.230	1100111010100	497.770	10100000010100	498.310	111010001010100
496.695	00000010110100	497.235	0100111010100	497.775	00100000010100	498.315	011010001010100
496.700	10011000110100	497.240	1000111010100	497.780	11000000010100	498.320	101010001010100
496.705	00011000110100	497.245	0000111010100	497.785	01000000010100	498.325	001010001010100
496.710	11101000110100	497.250	1001011010100	497.790	10000000010100	498.330	110010001010100
496.715	01101000110100	497.255	0001011010100	497.795	00000000010100	498.335	010010001010100
496.720	10101000110100	497.260	1110011010100	497.800	10011000010100	498.340	100010001010100
496.725	00101000110100	497.265	0110011010100	497.805	00011000010100	498.345	000010001010100
496.730	11001000110100	497.270	1010011010100	497.810	11101000010100	498.350	100100001010100
496.735	01001000110100	497.275	0010011010100	497.815	01101000010100	498.355	000100001010100
496.740	10001000110100	497.280	1100011010100	497.820	10101000010100	498.360	111000001010100
496.745	00001000110100	497.285	0100011010100	497.825	00101000010100	498.365	011000001010100
496.750	10010000110100	497.290	1000011010100	497.830	11001000010100	498.370	101000001010100
496.755	00010000110100	497.295	0000011010100	497.835	01001000010100	498.375	001000001010100
496.760	11100000110100	497.300	100101000010100	497.840	10001000010100	498.380	110000001010100
496.765	01100000110100	497.305	000101000010100	497.845	00001000010100	498.385	010000001010100
496.770	10100000110100	497.310	11101000010100	497.850	10010000010100	498.390	100000001010100
496.775	00100000110100	497.315	01101000010100	497.855	00010000010100	498.395	000000001010100
496.780	11000000110100	497.320	10101000010100	497.860	11100000010100	498.400	100111000010100
496.785	01000000110100	497.325	00101000010100	497.865	01100000010100	498.405	

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
498.480	110001101010100	499.020	101011010010100	499.560	111000000010100	500.100	100111010100100
498.485	010001101010100	499.025	001011010010100	499.565	011000000010100	500.105	000110101100100
498.490	100001101010100	499.030	110011010010100	499.570	101000000010100	500.110	111010101001000
498.495	000001101010100	499.035	010011010010100	499.575	001000000010100	500.115	011010101001000
498.500	100110101010100	499.040	100011010010100	499.580	110000000010100	500.120	101010101001000
498.505	000110101010100	499.045	000011010010100	499.585	010000000010100	500.125	001010101001000
498.510	111010101010100	499.050	100101010010100	499.590	100000000010100	500.130	110010101001000
498.515	011010101010100	499.055	000101010010100	499.595	000000000010100	500.135	010010101001000
498.520	101010101010100	499.060	111001010010100	499.600	100111111001000	500.140	100010101001000
498.525	001010101010100	499.065	011001010010100	499.605	000111111001000	500.145	000010101001000
498.530	110010101010100	499.070	101001010010100	499.610	111011111001000	500.150	100100101001000
498.535	010010101010100	499.075	001001010010100	499.615	011011111001000	500.155	000100101001000
498.540	101010101010100	499.080	110001010010100	499.620	101011111001000	500.160	111001010100100
498.545	000010101010100	499.085	010001010010100	499.625	001011111001000	500.165	011000101001000
498.550	100100101010100	499.090	100001010010100	499.630	110011111001000	500.170	101000101001000
498.555	000100101010100	499.095	000001010010100	499.635	010011111001000	500.175	001000101001000
498.560	111000101010100	499.100	100100101001000	499.640	100011111001000	500.180	100000101001000
498.565	011000101010100	499.105	000100100100100	499.645	000011111001000	500.185	010000101001000
498.570	101000101010100	499.110	111000100100100	499.650	100101111001000	500.190	100000101001000
498.575	001000101010100	499.115	011000100100100	499.655	000101111001000	500.195	000000101001000
498.580	110000101010100	499.120	101000100100100	499.660	111001111001000	500.200	100110010100100
498.585	010000101010100	499.125	001000100100100	499.665	011001111001000	500.205	000110010100100
498.590	100000101010100	499.130	110000100100100	499.670	101001111001000	500.210	111010010100100
498.595	000000101010100	499.135	010000100100100	499.675	001001111001000	500.215	011010010100100
498.600	100111001010100	499.140	100000100100100	499.680	110001111001000	500.220	101010010100100
498.605	000111001010100	499.145	000000100100100	499.685	010001111001000	500.225	001010010100100
498.610	111011001010100	499.150	1001000100100100	499.690	100001111001000	500.230	110010010100100
498.615	011011001010100	499.155	0001000100100100	499.695	000001111001000	500.235	010010010100100
498.620	101011001010100	499.160	1110000100100100	499.700	100101111001000	500.240	100010010100100
498.625	001011001010100	499.165	0110000100100100	499.705	000101111001000	500.245	000010010100100
498.630	111001001010100	499.170	1010000100100100	499.710	111001111001000	500.250	100100010100100
498.635	010010010100100	499.175	0010000100100100	499.715	011001111001000	500.255	000100010100100
498.640	100010010100100	499.180	1100000100100100	499.720	101001111001000	500.260	1110010010100100
498.645	000010010100100	499.185	0100000100100100	499.725	001001111001000	500.265	0110010010100100
498.650	100100100101000	499.190	1000000100100100	499.730	111001111001000	500.270	1010010010100100
498.655	000100100101000	499.195	0000000100100100	499.735	010001111001000	500.275	0010010010100100
498.660	111001001001000	499.200	1001010001001000	499.740	100101111001000	500.280	1100010010100100
498.665	011001001001000	499.205	0001010001001000	499.745	000001011001000	500.285	0100010010100100
498.670	101001001001000	499.210	1110100001001000	499.750	100100111001000	500.290	1000010010100100
498.675	001001001001000	499.215	0110100001001000	499.755	000100111001000	500.295	0000010010100100
498.680	110001001001000	499.220	1010100001001000	499.760	111000111001000	500.300	1001000101001000
498.685	010001001001000	499.225	0010100001001000	499.765	011000111001000	500.305	0001000101001000
498.690	100001001001000	499.230	1100100001001000	499.770	101000111001000	500.310	1110000101001000
498.695	000001001001000	499.235	0100100001001000	499.775	001000111001000	500.315	0110000101001000
498.700	100110001001000	499.240	1000100001001000	499.780	110000111001000	500.320	1010000101001000
498.705	000110001001000	499.245	0000100001001000	499.785	010000111001000	500.325	0010000101001000
498.710	111000001001000	499.250	1001010000100100	499.790	100000111001000	500.330	1100000101001000
498.715	011000001001000	499.255	0001010000100100	499.795	000000111001000	500.335	0100000101001000
498.720	101000001001000	499.260	1110010000100100	499.800	1001100100100100	500.340	1000000101001000
498.725	001000001001000	499.265	0110010000100100	499.805	0001100100100100	500.345	0000000101001000
498.730	110000001001000	499.270	1010010000100100	499.810	111001001001000	500.350	1001000010100100
498.735	010000001001000	499.275	0010010000100100	499.815	011001001001000	500.355	0001000010100100
498.740	1000100001001000	499.280	1100010000100100	499.820	101001001001000	500.360	1110000010100100
498.745	0000100001001000	499.285	0100010000100100	499.825	001001001001000	500.365	0110000010100100
498.750	100000001001000	499.290	1000010000100100	499.830	1100100100100100	500.370	1010000010100100
498.755	000000001001000	499.295	0000010000100100	499.835	0100100100100100	500.375	0010000010100100
498.760	111000001001000	499.300	1001010000100100	499.840	1000100100100100	500.380	1100000010100100
498.765	011000001001000	499.305	0001010000100100	499.845	0000100100100100	500.385	0100000010100100
498.770	101000001001000	499.310	1110010000100100	499.850	1001001001001000	500.390	1000000010100100
498.775	001000001001000	499.315	0110010000100100	499.855	0001001001001000	500.395	0000000010100100
498.780	100000001001000	499.320	1010010000100100	499.860	111001001001000	500.400	1001111001001000
498.785	010000001001000	499.325	0010010000100100	499.865	011001001001000	500.405	0001111001001000
498.790	100000001001000	499.330	1100010000100100	499.870	101001001001000	500.410	1110111001001000
498.795	000000001001000	499.335	0100010000100100	499.875	001001001001000	500.415	0110111001001000
498.800	100111110010100	499.340	1000110000100100	499.880	110001001001000	500.420	1010111001001000
498.805	000111110010100	499.345	0000100000100100	499.885	010001001001000	500.425	0010111001001000
498.810	111011110010100	499.350	1001000000100100	499.890	1000001001001000	500.430	1110111001001000
498.815	011011110010100	499.355	0001000000100100	499.895	0000001001001000	500.435	0100111001001000
498.820	101011110010100	499.360	11100010000100100	499.900	1001100100100100	500.440	1000111001001000
498.825	001011110010100	499.365	01100010000100100	499.905	0001100100100100	500.445	0000111001001000
498.830	110011110010100	499.370	10100010000100100	499.910	1110001001001000	500.450	1001001001001000
498.835	010011110010100	499.375	00100010000100100	499.915	0110001001001000	500.455	0001001001001000
498.840	100011110010100	499.380	11000010000100100	499.920	1010001001001000	500.460	11100100100100100
498.845	000011110010100	499.385	01000010000100100	499.925	0010001001001000	500.465	01000100100100100
498.850	100101110010100	499.390	10000010000100100	499.930	1100001001001000	500.470	1010001001001000
498.855	000101110010100	499.395	00000010000100100	499.935	0100001001001000	500.475	0010001001001000
498.860	111001110010100	499.400	1001010000100100	499.940	1000001001001000	500.480	1100001001001000
498.865	011001110010100	499.405	0001010000100100	499.945	0000001001001000	500.485	0100001001001000
498.870	101001110010100	499.410	1110100000100100	499.950	1001000100100100	500.490	1000001001001000
498.875	001001110010100	499.415	0110100000100100	499.955	0001000100100100	500.495	0000001001001000
498.880	110001110010100	499.420	1010100000100100	499.960	1110000100100100	500.500	1001001001001000
498.885	010001110010100	499.425	0010100000100100	499.965	0110000100100100	500.505	0001001001001000
498.890	100001110010100	499.430	1100100000100100	499.970	1010000100100100	500.510	1110001001001000
498.895	000001110010100	499.435	0100100000100100	499.975	0010000100100100	500.515	0110001001001000
498.900	100101010010100	499.440	1000100000100100	499.980	1100000100100100	500.520	1010001001001000
498.905	000101010010100	499.445	0000100000100100	499.985	0100000100100100	500.525	0010001001001000
498.910	111010100100100	499.450	1001010000100100	499.990	1000000100100100	500.530	1100000100100100
498.915	011010100100100	499.455	0001010000100100	499.995	0000000100100100	500.535	0100000100100100
498.920	101010100100100	499.460	1110010000100100	500.000	1001110100100100	500.540	1000000100100100
498.925	001010100100100	499.465	0110010000100100	500.005	0001110100100100	500.545	0000000100100100
498.930	110010100100100	499.470	1010010000100100	500.010	1110110100100100	5	

500.640 to 502.795

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
500.640	100011010100100	501.180	110000000100100	501.720	1019101010000100	502.260	1110010100000100
500.645	000011010100100	501.185	010000000100100	501.725	0010101010000100	502.265	0119010100000100
500.650	100101010100100	501.190	100000000100100	501.730	1100101010000100	502.270	1010010100000100
500.655	000101010100100	501.195	000000000100100	501.735	0100101010000100	502.275	0010010100000100
500.660	111001010100100	501.200	100111110000100	501.740	1000101010000100	502.280	1100010100000100
500.665	011001010100100	501.205	000111110000100	501.745	0000101010000100	502.285	0100010100000100
500.670	101001010100100	501.210	111011110000100	501.750	1001001010000100	502.290	1000010100000100
500.675	001001010100100	501.215	011011110000100	501.755	0001001010000100	502.295	0000010100000100
500.680	110001010100100	501.220	101011110000100	501.760	1110001010000100	502.300	1001100010000100
500.685	010001010100100	501.225	001011110000100	501.765	0110001010000100	502.305	0001100010000100
500.690	100001010100100	501.230	110011110000100	501.770	1010001010000100	502.310	1110100010000100
500.695	000001010100100	501.235	010011110000100	501.775	0010001010000100	502.315	0110100010000100
500.700	100110010100100	501.240	100011110000100	501.780	1100001010000100	502.320	1010100010000100
500.705	000110010100100	501.245	000011110000100	501.785	0100001010000100	502.325	0010100010000100
500.710	111010010100100	501.250	100101110000100	501.790	1000001010000100	502.330	1100100010000100
500.715	011010010100100	501.255	000101110000100	501.795	0000001010000100	502.335	0100100010000100
500.720	101010010100100	501.260	111010110000100	501.800	1001100010000100	502.340	1000100010000100
500.725	001010010100100	501.265	011010110000100	501.805	0001100010000100	502.345	0000100010000100
500.730	110010010100100	501.270	101010110000100	501.810	1110100010000100	502.350	1001000010000100
500.735	010010010100100	501.275	001010110000100	501.815	0110100010000100	502.355	0001000010000100
500.740	100010010100100	501.280	112001110000100	501.820	1010100010000100	502.360	1110000010000100
500.745	000010010100100	501.285	010010110000100	501.825	0010100010000100	502.365	0110000010000100
500.750	100100010100100	501.290	100001110000100	501.830	1100100010000100	502.370	1010000010000100
500.755	000100010100100	501.295	000001110000100	501.835	0100100010000100	502.375	0010000010000100
500.760	111000010100100	501.300	100101110000100	501.840	1000100010000100	502.380	1100000010000100
500.765	011000010100100	501.305	000101110000100	501.845	0000100010000100	502.385	0100000010000100
500.770	101000010100100	501.310	111010110000100	501.850	1001000010000100	502.390	1000000010000100
500.775	001000010100100	501.315	011010110000100	501.855	0001000010000100	502.395	0000000010000100
500.780	110000010100100	501.320	101010110000100	501.860	1110000010000100	502.400	100111000000100
500.785	010000010100100	501.325	001010110000100	501.865	0110000010000100	502.405	000111000000100
500.790	100000010100100	501.330	110010110000100	501.870	1010000010000100	502.410	111011000000100
500.795	000000010100100	501.335	010010110000100	501.875	0010000010000100	502.415	011011000000100
500.800	100111000100100	501.340	100010110000100	501.880	1100000010000100	502.420	101011000000100
500.805	000111000100100	501.345	000010110000100	501.885	0100000010000100	502.425	001011000000100
500.810	111011000100100	501.350	100100110000100	501.890	1000000010000100	502.430	110011000000100
500.815	011011000100100	501.355	000100110000100	501.895	0000000010000100	502.435	010011000000100
500.820	101011000100100	501.360	111000110000100	501.900	1001000010000100	502.440	100011000000100
500.825	001011000100100	501.365	011000110000100	501.905	0001000010000100	502.445	000011000000100
500.830	110011000100100	501.370	101000110000100	501.910	1110000010000100	502.450	100101000000100
500.835	010011000100100	501.375	001000110000100	501.915	0110000010000100	502.455	000101000000100
500.840	100011000100100	501.380	110000110000100	501.920	1010000010000100	502.460	111001000000100
500.845	000011000100100	501.385	010000110000100	501.925	0010000010000100	502.465	011001000000100
500.850	100101000100100	501.390	100000110000100	501.930	1100000010000100	502.470	101001000000100
500.855	000101000100100	501.395	000000110000100	501.935	0100000010000100	502.475	001001000000100
500.860	111001000100100	501.400	10010010000100	501.940	1000100010000100	502.480	110001000000100
500.865	011001000100100	501.405	00010010000100	501.945	0000100010000100	502.485	010001000000100
500.870	101001000100100	501.410	11101010000100	501.950	1001000010000100	502.490	100001000000100
500.875	001001000100100	501.415	01101010000100	501.955	0001000010000100	502.495	000001000000100
500.880	110001000100100	501.420	10101010000100	501.960	1110000010000100	502.500	1001101000000100
500.885	010001000100100	501.425	00101010000100	501.965	0110000010000100	502.505	0001101000000100
500.890	100001000100100	501.430	11001010000100	501.970	1010000010000100	502.510	1110101000000100
500.895	000001000100100	501.435	01001010000100	501.975	0010000010000100	502.515	0110101000000100
500.900	100110000100100	501.440	10001010000100	501.980	1100000010000100	502.520	1010101000000100
500.905	000110000100100	501.445	00001010000100	501.985	0100000010000100	502.525	0010101000000100
500.910	111010000100100	501.450	10010010000100	501.990	1000000010000100	502.530	1100101000000100
500.915	011010000100100	501.455	00010010000100	501.995	0000000010000100	502.535	0100101000000100
500.920	101010000100100	501.460	11100010000100	502.000	100111100000100	502.540	1000101000000100
500.925	001010000100100	501.465	01100010000100	502.005	000111100000100	502.545	0000101000000100
500.930	110010000100100	501.470	10100010000100	502.010	111011100000100	502.550	1001001000000100
500.935	010010000100100	501.475	00100010000100	502.015	011011100000100	502.555	0001001000000100
500.940	100010000100100	501.480	11000010000100	502.020	101011100000100	502.560	1110001000000100
500.945	000010000100100	501.485	01000010000100	502.025	001011100000100	502.565	0110001000000100
500.950	100100000100100	501.490	10000010000100	502.030	110011100000100	502.570	1010001000000100
500.955	000100000100100	501.495	00000010000100	502.035	010011100000100	502.575	0010001000000100
500.960	111000000100100	501.500	1001000010000100	502.040	100011100000100	502.580	11000000100000100
500.965	011000000100100	501.505	0001000010000100	502.045	000011100000100	502.585	01000000100000100
500.970	101000000100100	501.510	1110000010000100	502.050	100101100000100	502.590	10000000100000100
500.975	001000000100100	501.515	0110000010000100	502.055	000101100000100	502.595	00000000100000100
500.980	110000000100100	501.520	1010000010000100	502.060	1110000010000100	502.600	10011000000000100
500.985	010000000100100	501.525	0010000010000100	502.065	0110000010000100	502.605	00011000000000100
500.990	100000000100100	501.530	1100000010000100	502.070	1010000010000100	502.610	11101000000000100
500.995	000000000100100	501.535	0100000010000100	502.075	0010000010000100	502.615	01101000000000100
501.000	100110000001000	501.540	1000100010000100	502.080	1100000010000100	502.620	10101000000000100
501.005	000110000001000	501.545	0000100010000100	502.085	0100000010000100	502.625	00101000000000100
501.010	111010000001000	501.550	1001000010000100	502.090	1000000010000100	502.630	11001000000000100
501.015	011010000001000	501.555	0001000010000100	502.095	0000000010000100	502.635	01001000000000100
501.020	101010000001000	501.560	1110000010000100	502.100	100101000000100	502.640	10001000000000100
501.025	001010000001000	501.565	0001000010000100	502.105	000101000000100	502.645	00001000000000100
501.030	110010000001000	501.570	1010000010000100	502.110	111010100000100	502.650	10010100000000100
501.035	010010000001000	501.575	0010000010000100	502.115	011010100000100	502.655	00010100000000100
501.040	100010000001000	501.580	1100000010000100	502.120	101010100000100	502.660	11100100000000100
501.045	000010000001000	501.585	0100000010000100	502.125	001010100000100	502.665	01100100000000100
501.050	100100000001000	501.590	1000000010000100	502.130	110010100000100	502.670	10100100000000100
501.055	000100000001000	501.595	0000000010000100	502.135	010010100000100	502.675	00100100000000100
501.060	111000000001000	501.600	100110100000100	502.140	100010100000100	502.680	11000100000000100
501.065	011000000001000	501.605	000110100000100	502.145	000010100000100	502.685	01000100000000100
501.070	101000000001000	501.610	111010100000100	502.150	100100100000100	502.690	10000100000000100
501.075	001000000001000	501.615	011010100000100	502.155	000100100000100	502.695	00000100000000100
501.080	110000000001000	501.620	101010100000100	502.160	1110000010000100	502.700	10010000000000100
501.085	010000000001000	501.625	001010100000100	502.165	0110000010000100	502.705	00010000000000100
501.090	100000000001000	501.630	110010100000100	502.170	1010000010000100	502.710	

502.800 to 504.955

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
502.800	10011111111000	503.340	10001010111000	503.880	11000010111000	504.420	101011111011000
502.805	00011111111000	503.345	00001010111000	503.885	01000101111000	504.425	001011111011000
502.810	11011111111000	503.350	10010010111000	503.890	10000010111000	504.430	110011111011000
502.815	01101111111000	503.355	00010010111000	503.895	00000010111000	504.435	010011111011000
502.820	10101111111000	503.360	11100010111000	503.900	100110010111000	504.440	100011111011000
502.825	00101111111000	503.365	01100010111000	503.905	000110010111000	504.445	000011111011000
502.830	11001111111000	503.370	10100010111000	503.910	111010010111000	504.450	100101111011000
502.835	01001111111000	503.375	00100010111000	503.915	011010010111000	504.455	000101111011000
502.840	10001111111000	503.380	11000010111000	503.920	101010010111000	504.460	110011111011000
502.845	00001111111000	503.385	01000010111000	503.925	001010010111000	504.465	011001111011000
502.850	10010111111000	503.390	10000010111000	503.930	111010010111000	504.470	101001111011000
502.855	00010111111000	503.395	00000010111000	503.935	010010010111000	504.475	010001111011000
502.860	11001011111000	503.400	10011100111000	503.940	100010010111000	504.480	110001111011000
502.865	01100111111000	503.405	00011100111000	503.945	000010010111000	504.485	010001111011000
502.870	10100111111000	503.410	11101001111000	503.950	100100010111000	504.490	100001111011000
502.875	00100111111000	503.415	01101001111000	503.955	000100010111000	504.495	000011111011000
502.880	11000111111000	503.420	10101001111000	503.960	111000010111000	504.500	100110111011000
502.885	01000111111000	503.425	00101001111000	503.965	011000010111000	504.505	000110111011000
502.890	10000111111000	503.430	11001100111000	503.970	101000010111000	504.510	111010111011000
502.895	00000111111000	503.435	01001100111000	503.975	001000010111000	504.515	011010111011000
502.900	10011011111000	503.440	10001100111000	503.980	110000010111000	504.520	101010111011000
502.905	00011111111000	503.445	00001100111000	503.985	010000010111000	504.525	001010111011000
502.910	11101011111000	503.450	10010100111000	503.990	100000010111000	504.530	110010111011000
502.915	01101011111000	503.455	00010100111000	503.995	000000010111000	504.535	010010111011000
502.920	10101011111000	503.460	11101000111000	504.000	100111100111000	504.540	100010111011000
502.925	00101011111000	503.465	01101001111000	504.005	000111100111000	504.545	000010111011000
502.930	11001011111000	503.470	10101001111000	504.010	111011100111000	504.550	100100111011000
502.935	01001011111000	503.475	00101001111000	504.015	011011100111000	504.555	000100111011000
502.940	10001011111000	503.480	11001001111000	504.020	101011100111000	504.560	111000111011000
502.945	00001011111000	503.485	01001001111000	504.025	001011100111000	504.565	011000111011000
502.950	10010011111000	503.490	10000100111000	504.030	110011100111000	504.570	101000111011000

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
504.960	11100010101000	505.500	100110010011000	506.040	100011111101000	506.580	110000101010000
504.965	01100010101000	505.505	000110010011000	506.045	000011111101000	506.585	010000101010000
504.970	10100010101000	505.510	111010010011000	506.050	100101111101000	506.590	100000101010000
504.975	00100010101000	505.515	011010010011000	506.055	000101111101000	506.595	000000101010000
504.980	11000010101000	505.520	101010010011000	506.060	111001111101000	506.600	100110010101000
504.985	01000010101000	505.525	001010010011000	506.065	011001111101000	506.605	000110010101000
504.990	10000010101000	505.530	110010010011000	506.070	101001111101000	506.610	111010010101000
504.995	00000010101000	505.535	010010010011000	506.075	001001111101000	506.615	011010010101000
505.000	100110010011000	505.540	100010010011000	506.080	110001111101000	506.620	101010010101000
505.005	000110010011000	505.545	000010010011000	506.085	010001111101000	506.625	001010010101000
505.010	110110010011000	505.550	100100010011000	506.090	100001111101000	506.630	110010010101000
505.015	011010010011000	505.555	000100010011000	506.095	000001111101000	506.635	010010010101000
505.020	101010010011000	505.560	111000010011000	506.100	100110111101000	506.640	100010010101000
505.025	0101010010011000	505.565	011000010011000	506.105	000110111101000	506.645	000010010101000
505.030	110010010011000	505.570	101000010011000	506.110	111010111101000	506.650	100101001010000
505.035	010010010011000	505.575	001000010011000	506.115	011010111101000	506.655	001010010101000
505.040	100010010011000	505.580	110000010011000	506.120	101010111101000	506.660	111001001010000
505.045	000010010011000	505.585	010000010011000	506.125	001010111101000	506.665	011010010101000
505.050	1001010010011000	505.590	100000010011000	506.130	100010111101000	506.670	101001001010000
505.055	0001010010011000	505.595	000000010011000	506.135	010010111101000	506.675	001001001010000
505.060	1110010010011000	505.600	10011100010011000	506.140	100010111101000	506.680	110001001010000
505.065	0110010010011000	505.605	00011100010011000	506.145	000001111101000	506.685	010001001010000
505.070	1010010010011000	505.610	11101100010011000	506.150	100100111101000	506.690	100001001010000
505.075	0010010010011000	505.615	01101100010011000	506.155	000100111101000	506.695	000001001010000
505.080	1100010010011000	505.620	10101100010011000	506.160	111000111101000	506.700	100100010101000
505.085	0100010010011000	505.625	00101100010011000	506.165	011000111101000	506.705	000100010101000
505.090	1000010010011000	505.630	11001100010011000	506.170	101000111101000	506.710	111010001010000
505.095	0000010010011000	505.635	01001100010011000	506.175	001000111101000	506.715	011010001010000
505.100	1001100010011000	505.640	10001100010011000	506.180	110000111101000	506.720	101010001010000
505.105	0001100010011000	505.645	00001100010011000	506.185	010000111101000	506.725	001010001010000
505.110	1110100010011000	505.650	10010100010011000	506.190	100000111101000	506.730	110010001010000
505.115	0110100010011000	505.655	00010100010011000	506.195	000000111101000	506.735	010010001010000
505.120	1010100010011000	505.660	11100100010011000	506.200	100110111101000	506.740	100010001010000
505.125	0010100010011000	505.665	01100100010011000	506.205	000110111101000	506.745	000010001010000
505.130	1100100010011000	505.670	10100100010011000	506.210	111010111101000	506.750	100100001010000
505.135	0100100010011000	505.675	00100100010011000	506.215	011010111101000	506.755	000100001010000
505.140	1000100010011000	505.680	11000100010011000	506.220	101010111101000	506.760	111000001010000
505.145	0000100010011000	505.685	01000100010011000	506.225	001010111101000	506.765	011000001010000
505.150	1001000010011000	505.690	10000100010011000	506.230	110010111101000	506.770	101000001010000
505.155	0001000010011000	505.695	00000100010011000	506.235	010010111101000	506.775	001000001010000
505.160	1110000010011000	505.700	10011010010011000	506.240	100010111101000	506.780	110000001010000
505.165	0110000010011000	505.705	00011010010011000	506.245	000010111101000	506.785	010000001010000
505.170	1010000010011000	505.710	11101010010011000	506.250	100100111101000	506.790	100000001010000
505.175	0010000010011000	505.715	01101010010011000	506.255	000100111101000	506.795	000000001010000
505.180	1100000010011000	505.720	10101010010011000	506.260	111001011101000	506.800	100111101001000
505.185	0100000010011000	505.725	00101010010011000	506.265	011001011101000	506.805	000111101001000
505.190	1000000010011000	505.730	11001010010011000	506.270	101001011101000	506.810	111011101001000
505.195	0000000010011000	505.735	01001010010011000	506.275	001001011101000	506.815	011011101001000
505.200	100111110011000	505.740	10001010010011000	506.280	110001011101000	506.820	101011101001000
505.205	000111110011000	505.745	00001010010011000	506.285	010001011101000	506.825	001011101001000
505.210	111011110011000	505.750	10010010010011000	506.290	100001011101000	506.830	110011101001000
505.215	011011110011000	505.755	00010010010011000	506.295	000001011101000	506.835	010011101001000
505.220	101011110011000	505.760	11100010010011000	506.300	100110011101000	506.840	100011101001000
505.225	001011110011000	505.765	01100010010011000	506.305	000110011101000	506.845	000011101001000
505.230	110011110011000	505.770	10100010010011000	506.310	111000111101000	506.850	100101101001000
505.235	010011110011000	505.775	00100010010011000	506.315	011000111101000	506.855	000101101001000
505.240	100011110011000	505.780	11000010010011000	506.320	101000111101000	506.860	111001101001000
505.245	000011110011000	505.785	01000010010011000	506.325	001000111101000	506.865	011001101001000
505.250	100101110011000	505.790	10000010010011000	506.330	110000111101000	506.870	101001101001000
505.255	000101110011000	505.795	00000010010011000	506.335	010000111101000	506.875	001001101001000
505.260	111001110011000	505.800	10011000010011000	506.340	100010011101000	506.880	110001101001000
505.265	011001110011000	505.805	00011000010011000	506.345	000010011101000	506.885	010001101001000
505.270	101001110011000	505.810	11101000010011000	506.350	100100011101000	506.890	100001101001000
505.275	001001110011000	505.815	01101000010011000	506.355	000100011101000	506.895	000001101001000
505.280	110001110011000	505.820	10101000010011000	506.360	111000011101000	506.900	100101101001000
505.285	010001110011000	505.825	00101000010011000	506.365	011000011101000	506.905	000101101001000
505.290	100001110011000	505.830	11001000010011000	506.370	101000011101000	506.910	111010101001000
505.295	000001110011000	505.835	01001000010011000	506.375	001000011101000	506.915	011010101001000
505.300	10011010010011000	505.840	10001000010011000	506.380	110000011101000	506.920	101010101001000
505.305	00011010010011000	505.845	00001000010011000	506.385	010000011101000	506.925	0001010101001000
505.310	11101010010011000	505.850	100101000010011000	506.390	100000011101000	506.930	1100010101001000
505.315	01101010010011000	505.855	000101000010011000	506.395	000000011101000	506.935	0100010101001000
505.320	10101010010011000	505.860	111001000010011000	506.400	10011010101001000	506.940	1000010101001000
505.325	00101010010011000	505.865	011001000010011000	506.405	00011010101001000	506.945	00001010101001000
505.330	11001010010011000	505.870	101001000010011000	506.410	111001010101000	506.950	100100010101000
505.335	01001010010011000	505.875	001001000010011000	506.415	011001010101000	506.955	000100010101000
505.340	10001010010011000	505.880	110001000010011000	506.420	101001010101000	506.960	111000010101000
505.345	00001010010011000	505.885	010001000010011000	506.425	001001010101000	506.965	011000010101000
505.350	10010010010011000	505.890	100001000010011000	506.430	110001010101000	506.970	101000010101000
505.355	00010010010011000	505.895	000001000010011000	506.435	010001010101000	506.975	000001010101000
505.360	11100001001001000	505.900	100110000010011000	506.440	100011010101000	506.980	110000010101000
505.365	01100001001001000	505.905	000110000010011000	506.445	000011010101000	506.985	010000010101000
505.370	10100001001001000	505.910	11100000010011000	506.450	100101010101000	506.990	100000010101000
505.375	00100001001001000	505.915	01100000010011000	506.455	000101010101000	506.995	000000010101000
505.380	11000001001001000	505.920	10100000010011000	506.460	111000010101000	507.000	100110101010000
505.385	01000001001001000	505.925	00100000010011000	506.465	011000010101000	507.005	000110101010000
505.390	10000001001001000	505.930	11000000010011000	506.470	101000010101000	507.010	111010101010000
505.395	00000001001001000	505.935	01000000010011000	506.475	001000010101000	507.015	011010101010000
505.400	1001101001001000	505.940	10000000010011000	506.480	110000010101000	507.020	101010101010000
505.405	0001101001001000	505.945	00000000010011000	506.485	010000010101000	507.025	000101010101000
505.410	1110101001001000	505.95					

507.120 to 509.275

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
507.120	101010010101000	507.660	111001111001000	508.200	100111001001000	508.740	100010010001000
507.125	001010010101000	507.665	011001111001000	508.205	000111001001000	508.745	000010010001000
507.130	110010010101000	507.670	101001111001000	508.210	111011001001000	508.750	100100010001000
507.135	010010010101000	507.675	001001111001000	508.215	011011001001000	508.755	000100010001000
507.140	100010010101000	507.680	110001111001000	508.220	101011001001000	508.760	111000010001000
507.145	000010010101000	507.685	010001111001000	508.225	001011001001000	508.765	011000010001000
507.150	100100010101000	507.690	100001111001000	508.230	110011001001000	508.770	101000010001000
507.155	000100010101000	507.695	000001111001000	508.235	010011001001000	508.775	010000010001000
507.160	111000010101000	507.700	100110111001000	508.240	100011001001000	508.780	110000010001000
507.165	011000010101000	507.705	000110111001000	508.245	000011001001000	508.785	010000010001000
507.170	101000010101000	507.710	111010111001000	508.250	100100100100100	508.790	100000010001000
507.175	001000010101000	507.715	011010111001000	508.255	000100100100100	508.795	000000010001000
507.180	110000010101000	507.720	101010111001000	508.260	111000100100100	508.800	100111000001000
507.185	010000010101000	507.725	001010111001000	508.265	011010100100100	508.805	000111000001000
507.190	100000010101000	507.730	110010101100100	508.270	110010101001000	508.810	111011000001000
507.195	000000010101000	507.735	010010101100100	508.275	001001001001000	508.815	011011000001000
507.200	100111100101000	507.740	100010101100100	508.280	110001001001000	508.820	101011000001000
507.205	000111100101000	507.745	000010101100100	508.285	010010010010000	508.825	001011000001000
507.210	111011100101000	507.750	100100101100100	508.290	100001001001000	508.830	110011000001000
507.215	011111100101000	507.755	001001001001000	508.295	000001001001000	508.835	010011000001000
507.220	101011100101000	507.760	111000101100100	508.300	100110010010000	508.840	100011000001000
507.225	001011100101000	507.765	011000101100100	508.305	000110010010000	508.845	000011000001000
507.230	110011100101000	507.770	101000101100100	508.310	111010001001000	508.850	101001000001000
507.235	010011100101000	507.775	001000101100100	508.315	011010001001000	508.855	000101000001000
507.240	100011100101000	507.780	110000101100100	508.320	101010001001000	508.860	111001000001000
507.245	000011100101000	507.785	010000101100100	508.325	001010001001000	508.865	011010000001000
507.250	100101100101000	507.790	100000101100100	508.330	110000010010000	508.870	101001000001000
507.255	000101100101000	507.795	000000101100100	508.335	010010001001000	508.875	010001000001000
507.260	111001100101000	507.800	100110101100100	508.340	100010001001000	508.880	110001000001000
507.265	011001100101000	507.805	000110101100100	508.345	000010001001000	508.885	010001000001000
507.270	101001100101000	507.810	111010101100100	508.350	100100001001000	508.890	100001000001000
507.275	001001100101000	507.815	011010101100100	508.355	000100001001000	508.895	000001000001000
507.280	110001100101000	507.820	101010101100100	508.360	111000001001000	508.900	100101000001000
507.285	010001100101000	507.825	001010101100100	508.365	011000001001000	508.905	000101000001000
507.290	100001100101000	507.830	110010101100100	508.370	101000001001000	508.910	111010000001000
507.295	000001100101000	507.835	010010101100100	508.375	001000001001000	508.915	011010000001000
507.300	100110100101000	507.840	100010101100100	508.380	110000001001000	508.920	101010000001000
507.305	000110100101000	507.845	000010101100100	508.385	010000001001000	508.925	001010000001000
507.310	111010100101000	507.850	100100101100100	508.390	100000001001000	508.930	110010000001000
507.315	011010100101000	507.855	000100101100100	508.395	000000001001000	508.935	010010000001000
507.320	101010100101000	507.860	111001011001000	508.400	100111110000100	508.940	100010000001000
507.325	001010100101000	507.865	011001011001000	508.405	000111110000100	508.945	000010000001000
507.330	110010100101000	507.870	101001011001000	508.410	111011110000100	508.950	100100100001000
507.335	010010100101000	507.875	001001011001000	508.415	011011110000100	508.955	000100100001000
507.340	100010100101000	507.880	110001011001000	508.420	101011110000100	508.960	111000100001000
507.345	000010100101000	507.885	010001011001000	508.425	001011110000100	508.965	011000100001000
507.350	100100100101000	507.890	100001011001000	508.430	110011110000100	508.970	101000100001000
507.355	000100100101000	507.895	000001011001000	508.435	010011110000100	508.975	001000100001000
507.360	111000100101000	507.900	100110001001000	508.440	100011110000100	508.980	110000100001000
507.365	011000100101000	507.905	000110001001000	508.445	000011110000100	508.985	010000100001000
507.370	101000100101000	507.910	111010001001000	508.450	100101110000100	508.990	100000100001000
507.375	001000100101000	507.915	011010001001000	508.455	000101110000100	508.995	000000100001000
507.380	110000100101000	507.920	101010001001000	508.460	111001110000100	509.000	100111000001000
507.385	010000100101000	507.925	001010001001000	508.465	011001110000100	509.005	000111000001000
507.390	100000100101000	507.930	110010001001000	508.470	101001110000100	509.010	111011000001000
507.395	000000100101000	507.935	010010001001000	508.475	001001110000100	509.015	011010000001000
507.400	100111000010000	507.940	100010001001000	508.480	110001110000100	509.020	101011000001000
507.405	000111000010000	507.945	000010001001000	508.485	010001110000100	509.025	001011000001000
507.410	111010000010000	507.950	100100001001000	508.490	100001110000100	509.030	110011000001000
507.415	011010000010000	507.955	000100001001000	508.495	000001110000100	509.035	010011000001000
507.420	101010000010000	507.960	111000001001000	508.500	100110100000100	509.040	100011000001000
507.425	001010000010000	507.965	011000001001000	508.505	000110100000100	509.045	000011000001000
507.430	110010000010000	507.970	101000001001000	508.510	111010100000100	509.050	100101000001000
507.435	010010000010000	507.975	001000001001000	508.515	011010100000100	509.055	000101000001000
507.440	100010000010000	507.980	110000001001000	508.520	101010100000100	509.060	111001000001000
507.445	000010000010000	507.985	010000001001000	508.525	001010100000100	509.065	011001000001000
507.450	100101000010000	507.990	100000001001000	508.530	110010100000100	509.070	101001000001000
507.455	000101000010000	507.995	000000001001000	508.535	010010100000100	509.075	001001000001000
507.460	111000100001000	508.000	100110100000100	508.540	100010100000100	509.080	110001000001000
507.465	011000100001000	508.005	000110100000100	508.545	000010100000100	509.085	010001000001000
507.470	101000100001000	508.010	111011000000100	508.550	100100100000100	509.090	100001000001000
507.475	001000100001000	508.015	011011000000100	508.555	000100100000100	509.095	000001000001000
507.480	110000100001000	508.020	101011000000100	508.560	111000100000100	509.100	100100000001000
507.485	010000100001000	508.025	001011000000100	508.565	011000100000100	509.105	000100000001000
507.490	100000100001000	508.030	110011000000100	508.570	101000100000100	509.110	111010000001000
507.495	000000100001000	508.035	010011000000100	508.575	001000100000100	509.115	011010000001000
507.500	100110000010000	508.040	100011000000100	508.580	110000100000100	509.120	101010000001000
507.505	000110000010000	508.045	000011000000100	508.585	010000100000100	509.125	001010000001000
507.510	111010000010000	508.050	100101000000100	508.590	100000010000100	509.130	110010000001000
507.515	011010000010000	508.055	000101000000100	508.595	000000010000100	509.135	010010000001000
507.520	101010000010000	508.060	111010100000100	508.600	100110100000100	509.140	100010000001000
507.525	001010000010000	508.065	011010100000100	508.605	000110100000100	509.145	000010000001000
507.530	110010000010000	508.070	101010100000100	508.610	111010100000100	509.150	100100000001000
507.535	010010000010000	508.075	001010100000100	508.615	011010100000100	509.155	000100000001000
507.540	100010000010000	508.080	110010100000100	508.620	101010100000100	509.160	111000000001000
507.545	000010000010000	508.085	010010100000100	508.625	001010100000100	509.165	011000000001000
507.550	100100000010000	508.090	100001000000100	508.630	110010100000100	509.170	101000000001000
507.555	000100000010000	508.095	000001000000100	508.635	010010100000100	509.175	001000000001000
507.560	111000000010000	508.100	100110100000100	508.640	100010100000100	509.180	110000000001000
507.565	011000000010000	508.105	000110100000100	508.645	000010100000100	509.185	010000000001000
507.570	101000000010000	508.110	111010100000100	508.650	100100100000100	509.190	100000000001000
507.575	001000000010000	508.115	011010100000100	508.655	000100100000100	509.195	000000000001000
507.580	110000000010000	508.120	101010100000100	508.660	111000100000100	509.200	100111111110000
507.585	010000000010000	50					

509,280 to 511,435

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
509.280	110001111110000	509.820	101011091110000	510.360	111000010110000	510.900	100110111010000
509.285	010001111110000	509.825	001011001110000	510.365	011000010110000	510.905	000110111010000
509.290	100001111110000	509.830	110011001110000	510.370	110000100110000	510.910	111010111010000
509.295	000001111110000	509.835	010011001110000	510.375	001000010110000	510.915	011010111010000
509.300	100110111110000	509.840	100011001110000	510.380	110000100110000	510.920	101011101101000
509.305	000110111110000	509.845	000011001110000	510.385	010000010110000	510.925	010101110100000
509.310	111010111110000	509.850	100101001110000	510.390	100000010110000	510.930	110010111010000
509.315	011010111110000	509.855	000101001110000	510.395	000000010110000	510.935	010010111010000
509.320	101010111110000	509.860	111010101110000	510.400	100111100110000	510.940	100010111010000
509.325	001010111110000	509.865	011010101110000	510.405	000111100110000	510.945	000010111010000
509.330	110010111110000	509.870	101010101110000	510.410	111011100110000	510.950	100100111010000
509.335	010010111110000	509.875	001001001110000	510.415	011011100110000	510.955	000100111010000
509.340	100010111110000	509.880	110001001110000	510.420	101011100110000	510.960	111000101101000
509.345	000010111110000	509.885	010001001110000	510.425	001011100110000	510.965	011000111010000
509.350	100100111110000	509.890	100001001110000	510.430	110011100110000	510.970	101000111010000
509.355	000100111110000	509.895	000001001110000	510.435	010011100110000	510.975	001000111010000
509.360	111000111110000	509.900	100110001110000	510.440	100011100110000	510.980	110000111010000
509.365	011000111110000	509.905	000110001110000	510.445	000011100110000	510.985	010000111010000
509.370	101000111110000	509.910	111010001110000	510.450	101010100110000	510.990	100000111010000
509.375	001000111110000	509.915	011010001110000	510.455	000101100110000	510.995	000000111010000
509.380	110000111110000	509.920	1010001110000	510.460	111001001100000	511.000	100111011010000
509.385	010000111110000	509.925	001010001110000	510.465	011001100110000	511.005	000111011010000
509.390	100000111110000	509.930	110010001110000	510.470	101001001100000	511.010	111011011010000
509.395	000000111110000	509.935	010010001110000	510.475	001001100110000	511.015	011011011010000
509.400	100111011110000	509.940	100100011100000	510.480	110001100110000	511.020	101010111010000
509.405	000111011110000	509.945	000010001110000	510.485	010001100110000	511.025	001011011010000
509.410	111011011110000	509.950	100100001110000	510.490	100001100110000	511.030	110011011010000
509.415	011011011110000	509.955	000100001110000	510.495	000001100110000	511.035	010011011010000
509.420	101011011110000	509.960	111000001110000	510.500	100110100110000	511.040	100011011010000
509.425	001011011110000	509.965	011000001110000	510.505	000110100110000	511.045	000011011010000
509.430	110011011110000	509.970	101000001110000	510.510	111010100110000	511.050	101010111010000
509.435	010011011110000	509.975	001000001110000	510.515	011010100110000	511.055	000101011010000
509.440	100011011110000	509.980	110000001110000	510.520	101010100110000	511.060	111000101101000
509.445	000011011110000	509.985	010000001110000	510.525	001010100110000	511.065	011001011010000
509.450	100101011110000	509.990	100000001110000	510.530	110010100110000	511.070	101001011010000
509.455	000101011110000	509.995	000000001110000	510.535	010010100110000	511.075	001001011010000
509.460	111001011110000	510.000	100111101101000	510.540	100010100110000	511.080	110001011010000
509.465	011001011110000	510.005	000111101101000	510.545	000010100110000	511.085	010001011010000
509.470	101001011110000	510.010	111011101101000	510.550	100100100110000	511.090	100001011010000
509.475	001001011110000	510.015	011011101101000	510.555	000100100110000	511.095	000001011010000
509.480	110001011110000	510.020	101011101101000	510.560	111001001001000	511.100	100110011010000
509.485	010001011110000	510.025	001011101101000	510.565	011000100110000	511.105	000110011010000
509.490	100001011110000	510.030	110011101101000	510.570	101000100110000	511.110	111001011010000
509.495	000001011110000	510.035	010011101101000	510.575	001000100110000	511.115	011001011010000
509.500	100110011110000	510.040	100011101101000	510.580	110000100110000	511.120	101010011010000
509.505	000110011110000	510.045	000011101101000	510.585	010000100110000	511.125	001010011010000
509.510	111001011110000	510.050	100101101101000	510.590	100000100110000	511.130	110010011010000
509.515	011001011110000	510.055	000101101101000	510.595	000000100110000	511.135	010001011010000
509.520	101001011110000	510.060	111001101101000	510.600	100111000110000	511.140	100010011010000
509.525	001001011110000	510.065	011001101101000	510.605	000111000110000	511.145	000010011010000
509.530	110001011110000	510.070	101001101101000	510.610	111010001100000	511.150	100100011010000
509.535	010001011110000	510.075	001001101101000	510.615	011010001100000	511.155	000100011010000
509.540	100010011110000	510.080	110001101101000	510.620	101010001100000	511.160	111000011010000
509.545	000010011110000	510.085	010001101101000	510.625	001011000110000	511.165	011000011010000
509.550	100100011110000	510.090	100001101101000	510.630	110011000110000	511.170	101000011010000
509.555	000100011110000	510.095	000001101101000	510.635	010011000110000	511.175	001000011010000
509.560	111000011110000	510.100	100110101101000	510.640	100011000110000	511.180	110000011010000
509.565	011000011110000	510.105	000110101101000	510.645	000011000110000	511.185	010000011010000
509.570	101000011110000	510.110	111010101101000	510.650	101010001100000	511.190	100000011010000
509.575	001000011110000	510.115	011010101101000	510.655	000101000110000	511.195	000000011010000
509.580	110000011110000	510.120	101010101101000	510.660	111001000110000	511.200	100111010101000
509.585	010000011110000	510.125	001010101101000	510.665	011001000110000	511.205	000111010101000
509.590	100000011110000	510.130	110010101101000	510.670	101001000110000	511.210	111011010101000
509.595	000000011110000	510.135	010010101101000	510.675	001001000110000	511.215	011011010101000
509.600	100111101110000	510.140	100010101101000	510.680	110001000110000	511.220	101011101010000
509.605	000111101110000	510.145	000010101101000	510.685	010001000110000	511.225	001011101010000
509.610	111011101110000	510.150	100100101101000	510.690	100001000110000	511.230	110011101010000
509.615	011011101110000	510.155	000100101101000	510.695	000001000110000	511.235	010011101010000
509.620	101011101110000	510.160	111000101101000	510.700	100110000110000	511.240	100011101010000
509.625	001011101110000	510.165	011000101101000	510.705	000110000110000	511.245	000011101010000
509.630	110011101110000	510.170	101000101101000	510.710	111010000110000	511.250	100101101010000
509.635	010011101110000	510.175	001000101101000	510.715	011010000110000	511.255	000101101010000
509.640	100011101110000	510.180	110000101101000	510.720	101000000110000	511.260	111001010101000
509.645	000011101110000	510.185	010000101101000	510.725	001000000110000	511.265	011001010101000
509.650	100101101110000	510.190	100000101101000	510.730	110000000110000	511.270	101001101010000
509.655	000101101110000	510.195	000000101101000	510.735	010000000110000	511.275	001001101010000
509.660	111001101110000	510.200	100111010110100	510.740	100010000110000	511.280	110001101010000
509.665	011001101110000	510.205	000111010110100	510.745	000010000110000	511.285	010001101010000
509.670	101001101110000	510.210	111011010110100	510.750	100100000110000	511.290	100001101010000
509.675	001001101110000	510.215	011011010110100	510.755	000100000110000	511.295	000001101010000
509.680	110001101110000	510.220	101011010110100	510.760	111000000110000	511.300	100110101010000
509.685	010001101110000	510.225	001011010110100	510.765	011000000110000	511.305	000110101010000
509.690	100001101110000	510.230	110011010110100	510.770	101000000110000	511.310	111010101010000
509.695	000001101110000	510.235	010011010110100	510.775	001000000110000	511.315	011010101010000
509.700	100111001110000	510.240	100011010110100	510.780	110000000110000	511.320	101010101010000
509.705	000110101110000	510.245	000011010110100	510.785	010000000110000	511.325	001010101010000
509.710	111010101110000	510.250	100101010110100	510.790	100000000110000	511.330	110010101010000
509.715	011010101110000	510.255	000101010110100	510.795	000000000110000	511.335	010010101010000
509.720	101010101110000	510.260	111001010110100	510.800	100111111010000	511.340	100010101010000
509.725	001010101110000	510.265	011001010110100	510.805	000111111010000	511.345	000010101010000
509.730	110010101110000	510.270	101001010110100	510.810	111011111010000	511.350	100100101010000
509.735	010010101110000	510.275	001001010110100	510.815	011011111010000	511.355	000100101010000
509.740	100010101110000	510.280	110001010110100	510.820	101011111010000	511.360	111000101010000
509.745	000010101110000	510.					

FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)	FREQUENCY	AB (BINARY)
511.440	100011001010000	511.585	010000001010000	511.730	110010110010000	511.875	001001010010000
511.445	000011001010000	511.590	100000001010000	511.735	010010110010000	511.880	110001010010000
511.450	100101001010000	511.595	000000001010000	511.740	100010110010000	511.885	010001010010000
511.455	000101001010000	511.600	100111100100000	511.745	000010110010000	511.890	100001010010000
511.460	111001001010000	511.605	000111100100000	511.750	100100110010000	511.895	000001010010000
511.465	011001001010000	511.610	111011100100000	511.755	000100110010000	511.900	100110010010000
511.470	101001001010000	511.615	011011100100000	511.760	111000110010000	511.905	000110010010000
511.475	001001001010000	511.620	101011100100000	511.765	011000110010000	511.910	111010010010000
511.480	110001001010000	511.625	001011100100000	511.770	101000110010000	511.915	011010010010000
511.485	010001001010000	511.630	110011100100000	511.775	001000110010000	511.920	101010010010000
511.490	100001001010000	511.635	010011100100000	511.780	110000110010000	511.925	001010010010000
511.495	000001001010000	511.640	100011100100000	511.785	010000110010000	511.930	110010010010000
511.500	100110001010000	511.645	000011100100000	511.790	100000110010000	511.935	010010010010000
511.505	000110001010000	511.650	100101100100000	511.795	000000110010000	511.940	100010010010000
511.510	111010001010000	511.655	000101100100000	511.800	100110100100000	511.945	000010010010000
511.515	011010001010000	511.660	111001100100000	511.805	000110100100000	511.950	100100010010000
511.520	101010001010000	511.665	011001100100000	511.810	111010100100000	511.955	000100010010000
511.525	001010001010000	511.670	101001100100000	511.815	011010100100000	511.960	111000010010000
511.530	110010001010000	511.675	001001100100000	511.820	101010100100000	511.965	011000010010000
511.535	010010001010000	511.680	110001100100000	511.825	001010100100000	511.970	101000010010000
511.540	100010001010000	511.685	010001100100000	511.830	110010100100000	511.975	001000010010000
511.545	000010001010000	511.690	100001100100000	511.835	010010100100000	511.980	110000010010000
511.550	100100001010000	511.695	000001100100000	511.840	100010100100000	511.985	010000010010000
511.555	000100001010000	511.700	100110100100000	511.845	000010100100000	511.990	100000010010000
511.560	111000001010000	511.705	000110100100000	511.850	100101010010000	511.995	000000010010000
511.565	011000001010000	511.710	111010100100000	511.855	000101010010000	512.000	100111100010000
511.570	101000001010000	511.715	011010100100000	511.860	111001010010000		
511.575	001000001010000	511.720	101010100100000	511.865	011001010010000		
511.580	110000001010000	511.725	001010100100000	511.870	101001010010000		

